English

Start Here.

Here's how to install, set up, and use your eX-10

Installation Options

Here's how to install your new eX-10 in your vehicle.

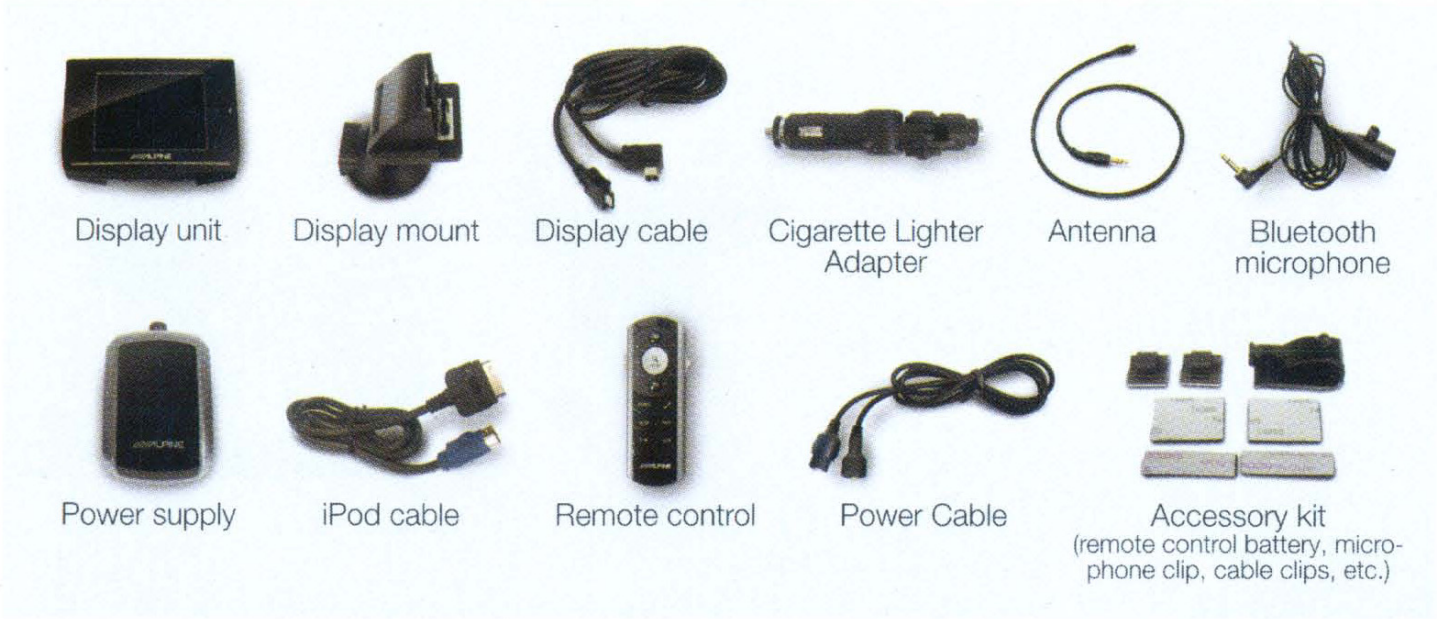
Option #1: Install it yourself.

Follow the instructions in this manual to perform a simple, do-it-yourself installation.

Option #2: Have it professionally installed.

Go to www.alpine-usa.com, click "Support", then click "Locate a Dealer" to find an authorized Alpine dealer in your area to install your new eX-10. Alpine dealers have many options to enhance the audio and cosmetic integration of the eX-10 in your vehicle.*

Here's what's in the box:



*Note: Professional installation and other hardware may require an additional cost.

Do-It-Yourself Installation

Here's how to install your new eX-10 in your vehicle.

Step 1: Mount the display

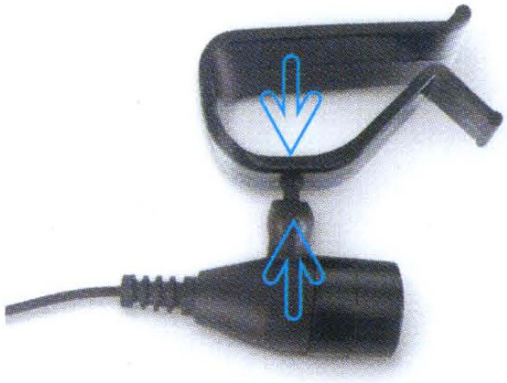
Push the display into the display mounting bracket until you hear a "click".

Apply the supplied double-sided tape to the bottom of the display, clean the desired spot on your dash* with the supplied alcohol pad, then firmly stick the display to the dash.

*Note: Mount the eX-10 display in a location where it will not block your view of the road.

Step 2: Mount the Bluetooth Microphone

Attach the Bluetooth microphone to the microphone mounting clip by pushing the microphone onto the clip as shown.



Clip the microphone mount to a spot in your car no more than 24" from your mouth.

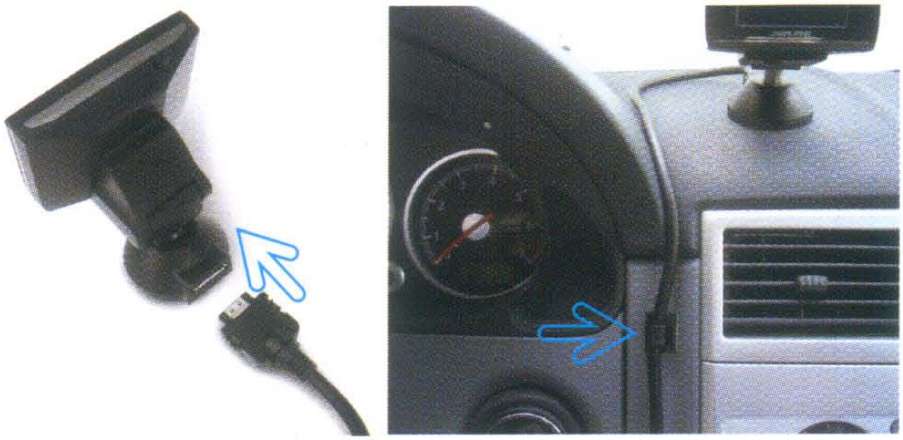
Good locations include the sun visor, the top of the A-pillar, and the edge of your roof-mounted center console (if equipped)*.

*Note: Do not install the microphone in any position where it could interfere with the functionality of Airbags in your vehicle. Consult your local car dealer for more information.

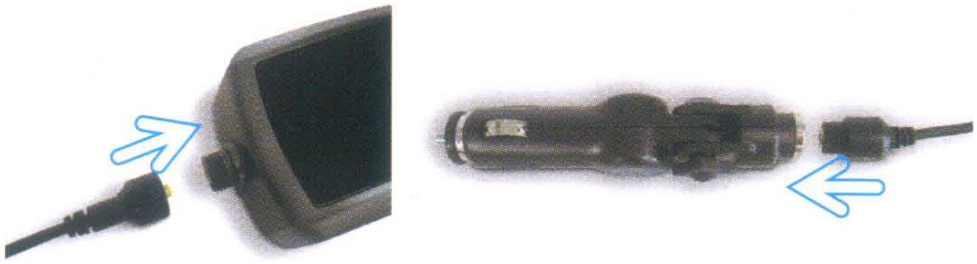
Step 3: Connect the wiring

Plug the display cable into the back of the display, and use the supplied cable clamps to route the cable to the power supply location.

Take care to route the cable away from moving parts such as shifters, pedals, and steering wheels.



Screw the yellow end of the power cable into the eX-10's power supply, and screw the black end into the cigarette lighter adapter.



Now the cigarette lighter adapter and the power supply are ready to be installed.

Plug the cigarette lighter adapter into your cigarette lighter plug.

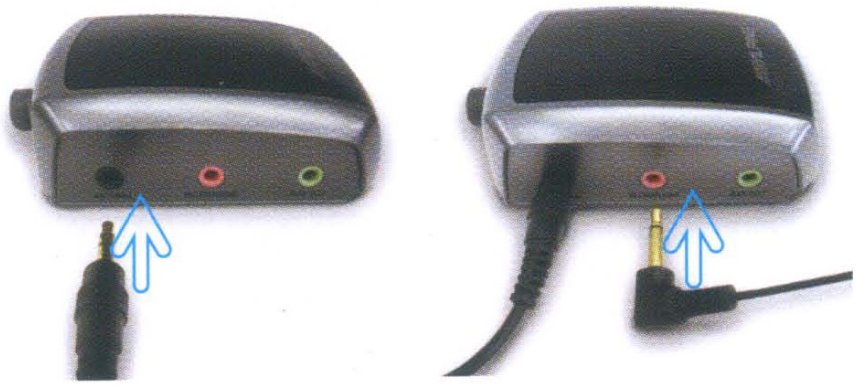
Plug the iPod cable into the port marked "iPod" on the power supply.

Plug the square end of the monitor cable into the port marked "MONITOR" on the power supply.

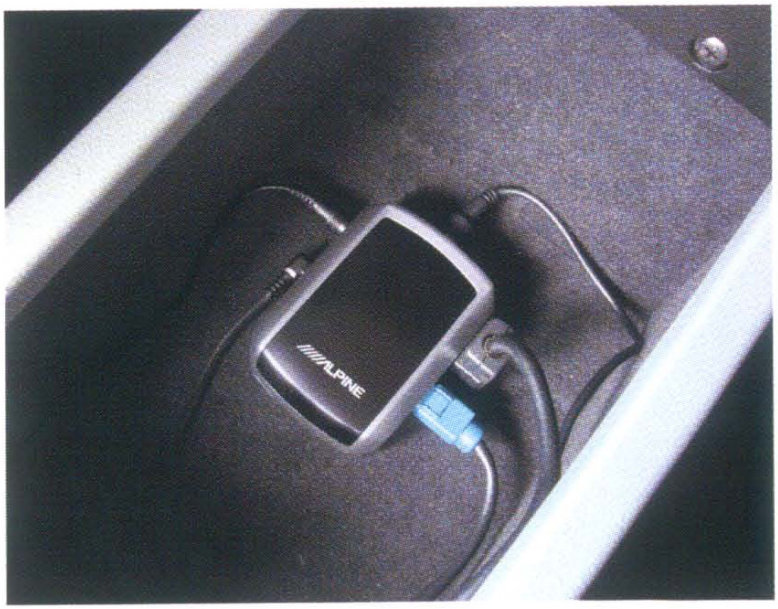
Do-It-Yourself Installation

Plug the antenna into the port marked "ANTENNA" on the power supply.

Plug the Bluetooth microphone into the port marked "MICROPHONE" on the power supply.



Place the power supply into a hidden location in your car, like inside the center console or the glove box. Use the supplied hook-and-loop fastening tape to secure it.



Step 4: Plug in your iPod

Plug your iPod into the dock connector.

Place the iPod in a convenient location. In most applications, it can be placed next to the power supply. The eX-10 controls and charges your iPod, so no need to mount it where you have access to the iPod's controls.

The installation is complete! Turn on your car's ignition and power up the eX-10.

Next, let's get the eX-10 set up to work correctly in your car ▶▶▶

Set up your eX-10

Here's how to get your eX-10 working properly in your car.

Step 1: Select your language and set the output mode

Push the "SETUP" button, then use the ▶▶| button to scroll down to "General".
Tap "ENTER" twice, then select your language using the |◀◀ and ▶▶| buttons. Tap "ENTER" to select.

You're still in "SETUP" mode, so tap the ▶▶| button three times until you get to "Output Mode". Tap "ENTER", and use the ▶▶| button to select "Wire Transmitter". Press "ENTER" to select the "Wire Transmitter" mode.

Now, tap the ⮌ button to get back to the "SETUP" menu.

Step 2: Set up your car's radio to work with the eX-10

The eX-10 broadcasts audio to your car stereo just like an FM radio station.
Tune your car radio to an FM frequency where there is no radio reception (for example, 88.3MHz). Save a few of these blank stations in your car radio's preset memories for use with the eX-10's FM transmitter.

Select "Transmitter" from the eX-10's "SETUP" menu, then press and hold "ENTER" for two seconds. Use the ▶▶| and |◀◀ buttons to select the same frequency as shown on your car radio display. Press "ENTER" to set this frequency as a preset in the eX-10. You can set up to four different frequencies using this method*. Your car's radio and the eX-10 must be tuned to the same frequency to hear audio output.

*Note: If one of your selected frequencies encounters a strong FM signal while driving, interference may be heard while listening to iPod or Bluetooth. Changing presets to match frequencies on both your car stereo and on your eX-10 can solve this problem quickly.

Step 3: Set up your Bluetooth phone to work with your eX-10

Tap the ⮌ button, and press "ENTER" to select "Bluetooth". Press "ENTER" again to select "Pairing Mode", and a four-digit pass code will be displayed on the eX-10.

The eX-10 is now discoverable and ready to connect to your Bluetooth phone.

Turn on Bluetooth in your phone's menu. Your phone will ask for a four-digit code to connect with the eX-10, so enter the code shown on the eX-10's screen.

You will now see a "Connected" message on the eX-10's display to let you know that you've successfully paired your phone with the eX-10*.

Now we're all set up, so let's use the eX-10 ▶▶▶

*Note: Turn "Auto Connect" on in the Bluetooth setup menu if you want your phone to automatically connect to your eX-10 whenever you turn on your car's ignition.

Use your eX-10

Here's the basics on how to use your eX-10.

Step 1: Playing songs from your iPod

Use the ⮌ button to exit the "SETUP" menu.
Press "SOURCE" to select "iPod".
Press the "ENTER" button, then use the ▶▶| and |◀◀ buttons to search by artist, album, song, etc. Tap "ENTER" to choose any search method, using the ▶▶| and |◀◀ buttons to select a song. Pressing "ENTER" will begin song playback.

With the song playing, you should now see the iPod's album art displayed on the eX-10 screen.* Press the "VIEW" button to scroll between the three different display modes.

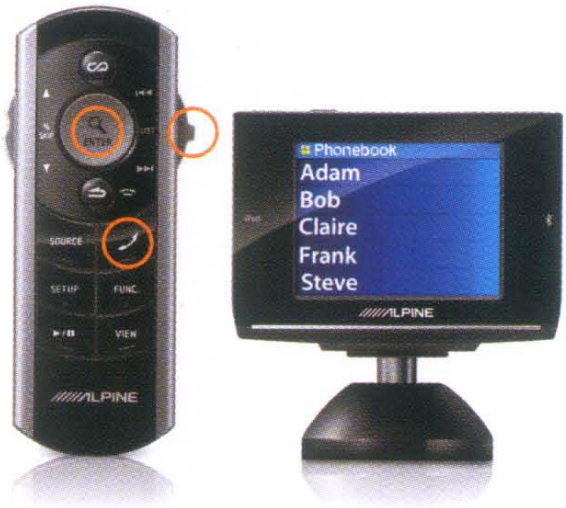
You can also choose the display background that best matches your dash by selecting "DISPLAY" in the "SETUP" menu, then "BGV Select".

*Note: Album Art must be stored on your iPod in order to be displayed on the eX-10.

Step 2: Making and receiving phone calls

Press the button, and use the ▶▶| and |◀◀ buttons to select "Phonebook". Press "ENTER", then use the ▶▶| and |◀◀ buttons to find the desired contact in your phone book. Press again to dial the number. You may also select numbers from the dialed, received, or missed calls lists using this method.*

You will now hear the phone dialing through your car's stereo system. To hang up, press



When a call comes in, simply press to answer it.

To hang up, press

You can also select "Auto Answer" under "Bluetooth" in the "SETUP" menu if you want the eX-10 to automatically answer any call that comes in.

*Note: All features are not enabled on all phones. Check with your phone service provider.

Step 3: Listening to songs stored on your phone

If your phone is Bluetooth audio enabled, you can play songs from your phone through the eX-10.
Press "SOURCE" to select "Bluetooth Audio" mode, then use ▶▶|, |◀◀, and ▶/❚❚ to control the audio tracks.

How to learn more and get support.

If you want more detailed information on operating or installing the eX-10, you can download the owner's manual and get additional help at

http://www.alpine-usa.com/US-en/support

If you would like to speak to Alpine customer support concerning eX-10 operation or installation,

please call 1-800-ALPINE-1

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Start Here.

Dealers, here's a step-by-step guide for permanently installing the eX-10 in a customer's car

Installation Options

You have two basic options for connecting the eX-10 to a customer's factory radio

Option #1: Use the factory AUX input.

If the customer's car has a factory auxiliary input, the eX-10's AUX output can connect directly to this input. If the vehicle is so equipped, Option #1 will provide the best sound quality.

OR

Option #2: Use the KWE-155B antenna splitter.

Alpine offers an optional KWE-155B FM antenna splitter to allow the eX-10 to be wired directly into the vehicle's factory radio antenna. This option provides much better sound quality than using the eX-10's built-in FM transmitter.

Here's what's included with the eX-10:

Display unit

Display mount

Display cable

Cigarette Lighter Adapter

Antenna

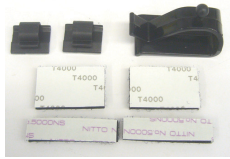
Bluetooth microphone

Power supply

iPod cable

Remote control

Power Cable

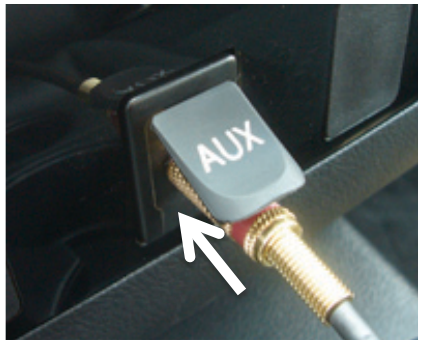

Accessory kit (remote control battery, microphone clip, cable clips, etc.

Installation Instructions

Step 1: Input into the factory radio

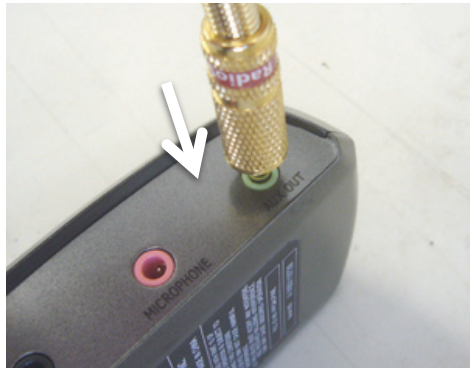
Option #1: Use the factory AUX input.

Purchase a 1/8” phono-to-phono jack cable to connect the eX-10 to the factory AUX input. Part # 42-2607 from Radio Shack is a good example. Plug one end of the cable into the vehicle’s factory AUX port.



Plug the other end of the 1/8” phono cable into The “aux out” port on the eX-10’s power supply.

Select “AUX” as a source to hear iPod or Bluetooth output from the vehicle’s sound system.



Skip to Page 5 to continue the installation>>>

Installation Instructions

Step 1: Input into the factory radio

Option #2: Use the Alpine KWE-155B FM splitter.

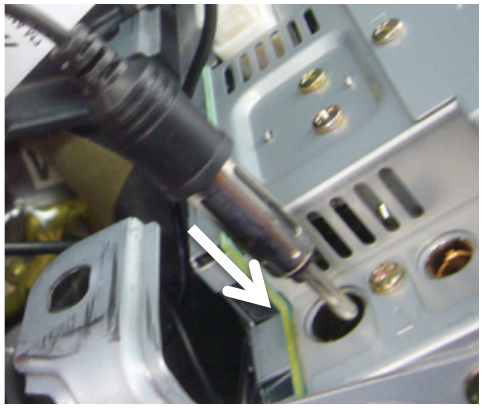
Purchase the Alpine KWE-155B FM splitter.

Remove the vehicle's factory radio, and unplug the antenna connection.

Plug the factory antenna connector into the port marked "car antenna" on the KWE-155B FM splitter.

Plug the antenna lead marked "car audio" into the factory radio's antenna input.

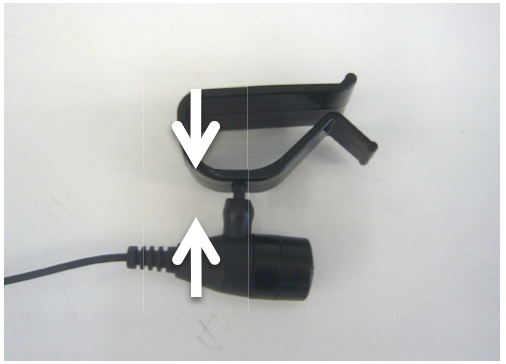
Route the lead marked "eX-10" to the desired location for the eX-10's power supply, and re-install the factory radio.



Installation Instructions

Step 2: Mount the Bluetooth microphone

Attach the Bluetooth microphone to the microphone mounting clip by pushing the microphone onto the clip as shown



Clip the microphone mount to a spot in the car no more than 24” from the customer’s mouth.

Good locations include the sun visor, the top of the A-pillar, and the edge of the roof-mounted center console (if equipped)* .

Route the microphone cable to the desired location for the eX-10’s power supply.

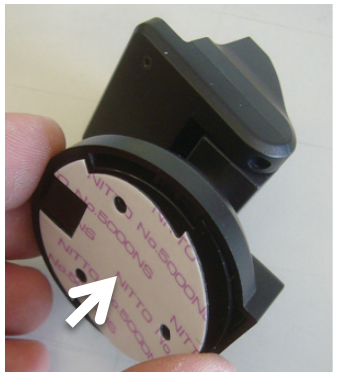
*Note: Do not install the microphone in any position where it could interfere with the functionality of airbags in the vehicle.

Installation Instructions

Step 3: Mount the eX-10's display

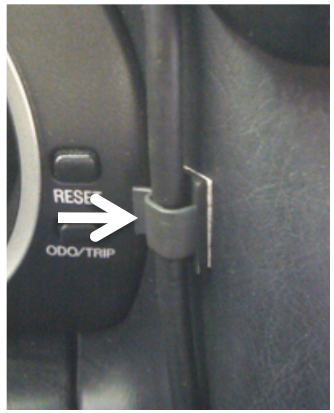
Twist the supplied round plastic plate to the base of the eX-10's display, and attach the supplied double-sided tape to this plate.

Clean the dash area where the eX-10's display will be mounted with the supplied alcohol pad.



Remove the backing from the double-sided tape, and attach it to the dash by pressing firmly*.

Connect the monitor cable to the display base, and route the monitor cable to the desired location for the eX-10's power supply using the supplied cable clamps



*Note: There are many custom-mounting options for the eX-10's display; refer to the Alpine Dealer Ad Center for a step-by-step tutorial showing how to build a custom A-pillar display mount.

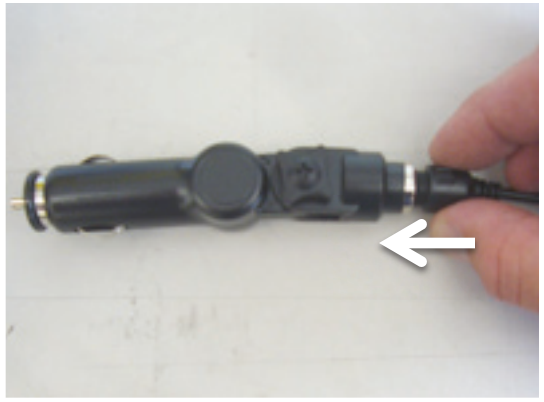
Installation Instructions

Step 4: Connect the eX-10 to 12 volt power

Purchase a 12 volt accessory outlet with a female cigarette lighter plug, like this one from Radio Shack (Part #270-1556).

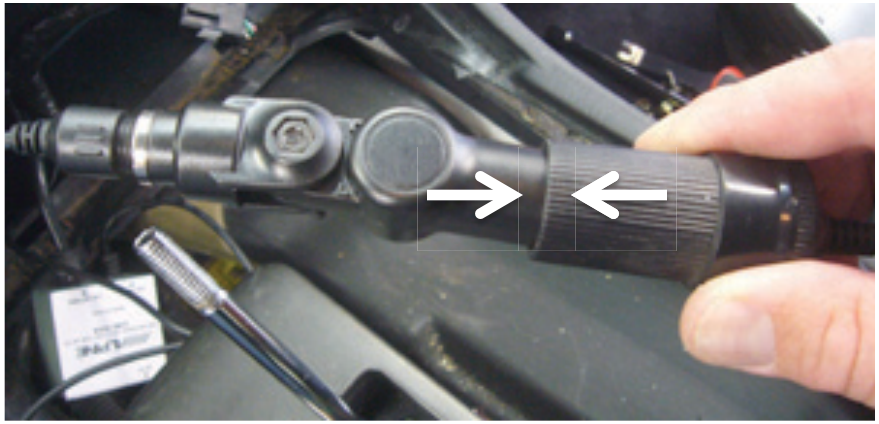
Connect the accessory outlet's power leads to a switched +12 volt accessory lead in the car, such as the factory cigarette lighter wiring.

Screw the eX-10's power cable into the cigarette lighter adapter.



Plug the accessory outlet into the eX-10's cigarette lighter adapter.

Route the yellow end of the eX-10's power cable to the desired location for the eX-10's power supply.



Installation Instructions

Step 5: Install the iPod cable

Find a convenient, hidden location to place the customer's iPod, such as the center console or the glove box.

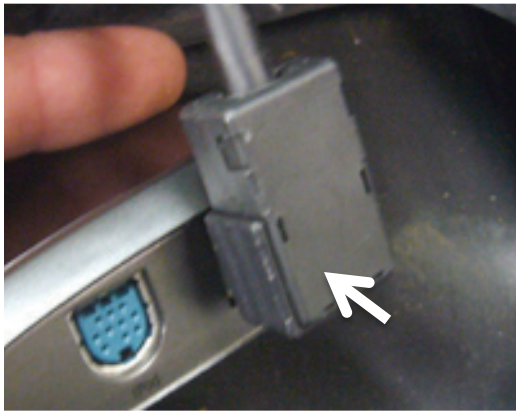
Route the supplied iPod cable to the desired location for the eX-10's power supply.

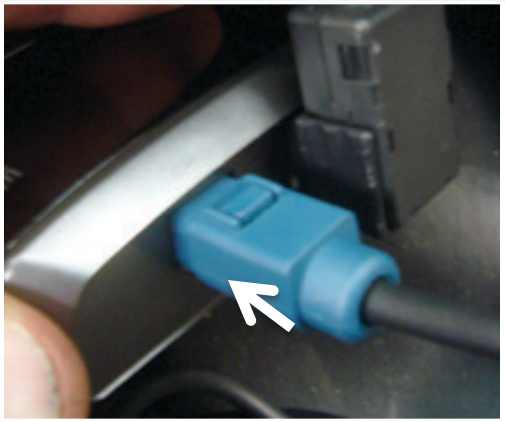
Installation Instructions

Step 6: Connect the eX-10's power supply

Plug the monitor cable into the port on the eX-10's power supply marked "monitor".

Plug the iPod cable into the port marked "iPod".



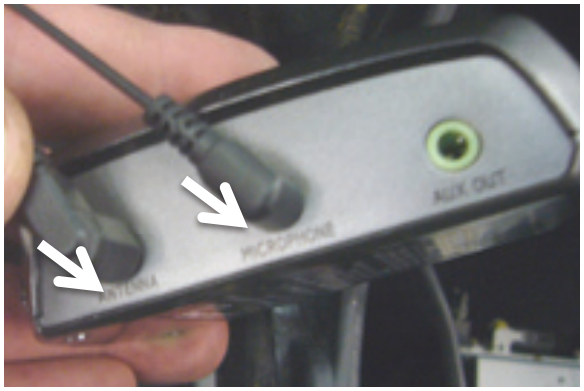


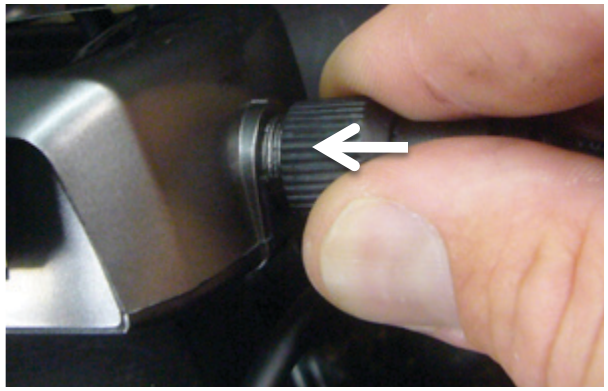
Plug the "eX-10" output from the KWE-155B FM splitter into the "antenna" port (unless you are using the "AUX in" option)

Plug the microphone cable into the "microphone" port.

Screw the yellow end of the power cord into the port marked "power supply".

Mount the eX-10's power supply in a hidden location.





Installation Instructions

Step 7: Set up the eX-10 to work correctly

Step 7a: Setting language and output mode

Connect the eX-10's display to the base by pushing down until you hear a "click". Turn on the ignition to power up the eX-10.

To select the desired language, push the "setup" button, then use the >>I button to scroll down to "general". Tap "enter" twice, then select your language using the I<< and >>I buttons. Tap "enter" to select.

You're still in "setup" mode, so tap the >>I button three times until you get to "Output Mode". Tap "enter", and use the >>I button to select "Wire Transmitter" when using the KWE-155B antenna splitter, or "Aux" when using the eX-10's auxiliary output.

Now, tap the button to get back to the " Setup" menu.

Installation Instructions

Step 7: Set up the eX-10 to work correctly

Note: When using “Option #1” (AUX input) skip step 7b

Step 7b: Setting the FM transmitter frequency

Tune the car radio to an FM frequency where there is no radio reception (for example, 104.7).

Save this as a preset; that way the customer can select the preset station to listen to iPod or Bluetooth sound from the eX-10.

Select “Transmitter” from the eX-10’s “setup” menu, then press **and hold** “enter” for two seconds. Use the >>I and I<< buttons to select the same frequency that was preset into the car’s radio (for example 104.7).

Press “enter” to set this frequency as a preset in the eX-10.

Installation Instructions

Step 7: Set up the eX-10 to work correctly

Step 7c: Set up your customer's Bluetooth phone to work with the eX-10

Tap the "setup" button, and press "enter" to select "Bluetooth". Press "enter" again to select "pairing mode", and a four-digit pass code will be displayed on the eX-10.

The eX-10 is now discoverable and ready to connect to your customer's Bluetooth phone.

Turn on Bluetooth in the phone's menu. The phone will ask for a four-digit code to connect with the eX-10, so enter the code shown on the eX-10's screen.

You will now see a "connected" message on your phone to let you know that you've successfully paired your phone with the eX-10*

Once this is done, use the >>I button to scroll down to "HFP Speaker". Select "External" to have Bluetooth audio play through the sound system, or "Internal" to have it play through the eX-10's built-in speaker.

Now we're all set up, so let's use the eX-10>>>

*Note: Turn "Auto Connect" on in the Bluetooth setup menu if you want your phone to automatically connect to your eX-10 whenever you turn on your car's ignition.

Using the eX-10

Here's the basics on how to use the eX-10.

Selecting between car radio and eX-10 mode (Note: not applicable when using "Option #1" (AUX input).)

Use the button to exit the "setup" menu.

When playing a source on the eX-10 using the KWE-155B FM antenna splitter, you must switch the antenna splitter to eX-10 mode. This can be done by pressing the "Func." button for two seconds. "eX-10" will show in the bottom left corner of the screen.

When you want to listen to the car's FM radio, simply press and hold "func." for two seconds to switch the antenna splitter to "car antenna" mode.

"Car Antenna" will show on the bottom left corner of the screen.

Using the eX-10

Here's the basics on how to use the eX-10.

Playing songs from the iPod

Press "source" to select "iPod".

Press the "enter" button, then use the >>I and I<< buttons to search by artist, album, song, etc. Tap "enter" to choose any search method, using the >>I and I<< buttons to select a song. Pressing "enter" will begin song playback.

With the song playing, you should now see the iPod's album art displayed on the eX-10 screen.* Press the "view" button to scroll between the three different display modes.

You can also choose the display background that best matches your dash by selecting "display" in the "setup" menu, then "BGV select".

*Note: Album Art must be stored on your iPod in order to be displayed on the eX-10

Using the eX-10

Here's the basics on how to use the eX-10.

Making and receiving phone calls

Press the button, and use the >>I and I<< buttons to select "Phonebook". Press "enter", then use the >>I and I<< buttons to find the desired contact in the phone book. Press again to dial the number. You may also select numbers from the dialed, received, or missed calls lists using this method. *

You will now hear the phone dialing through your car's stereo system. To hang up, press

When a call comes in, simply press to answer it.

To hang up, press

You can also select "Auto Answer" under "Bluetooth" in the "setup" menu if you want the eX-10 to automatically answer any call that comes in.

*Note: All features are not enabled on all phones. Check with your phone service provider.

Using the eX-10

Here's the basics on how to use the eX-10.

Listening to songs stored on the phone

If the phone is Bluetooth audio enabled, you can play songs from your phone through the eX-10. Press "source" to select "Bluetooth Audio" mode, then use >>I, I<<, and >/II to control the audio tracks.

How to learn more and get support.

If you want more detailed information on operating the eX-10, you can download the owner's manual and get additional help at

http://www.alpine-usa.com/support

If you would like to speak to Alpine customer support concerning eX-10 operation,

please call 1-800-ALPINE-1.

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EN

FR

ES

Advanced iPod® Controller with Bluetooth®

eX-10

Made for iPod

Bluetooth®

- OWNER'S MANUAL
  Please read before using this equipment.
- MODE D'EMPLOI
  Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
  Léalo antes de utilizar este equipo.

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Operating Instructions

WARNING

⚠WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BOLTS OR SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

⚠CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY.

When inserting the batteries, be sure to observe proper polarity (+ and –) as instructed. Rupture or chemical leakage from the battery may cause fire or personal injury.

⚠PRECAUTIONS

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and –10°C (+14°F) before turning your unit on.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Installation Location

Make sure the eX-10 will not be installed in a location subjected to:

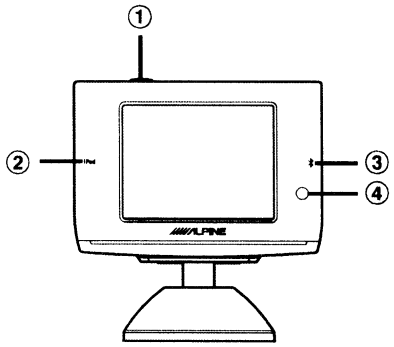
- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

- *iPod is a trademark of Apple Inc., registered in the U.S. and other countries.*
- *The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Alpine Electronics, Inc. is under license. Other trademarks and trade names are those of their respective owners.*
- *"Uni-Type™" is a style of Universal design font developed by a joint reserch between LIM Corporation Ltd., and Chiba University Faculty of Engineering.*
- ***"Uni-Type™" is the trademark registered by LIM Corporation Ltd.***

FCC WARNING

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Getting Started



① **POWER switch**
Turns the power On/Off.

② **iPod indicator**
Lights up when an iPod is connected.

③ **Bluetooth indicator**
Lights up when a Bluetooth compatible device is connected.

④ **Remote control sensor**
Point the remote control towards and within 2 m of the remote control sensor of the specified component.

Accessory List

- Monitor 1
- Stand 1
- Cigarette I/F Box 1
- Monitor Cable (3m) 1
- FULL SPEED™ Connection Cable (1m) 1
- Cigarette Adapter Extension Cable (1m) 1
- Cigarette Adapter 1
- Microphone (3m) 1
- Double-sided Adhesive Tape (for stand) 1
- Velcro Fasteners (for cigarette I/F Box) 2
- Fixing screws 3
- Cable clamps 3
- Cloth 1
- Remote Control 1
- Battery (CR2025) 1

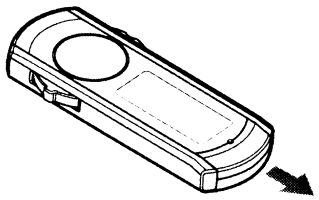
When Using the Remote Control

- Point the remote control at the remote control sensor within about 1 meter.
- It may not be possible to operate the remote control if the remote control sensor is exposed to direct sunlight.
- The remote control is a small, lightweight precision device. To avoid damage, short battery life, operational errors and poor response, observe the following.
  - Do not subject the remote control to excessive shock.
  - Do not put in a trouser pocket.
  - Keep away from food, moisture and dirt.
  - Do not place in direct sunshine.
- If another Alpine device is installed, it will function at the same time as when the unit is controlled by the remote control.

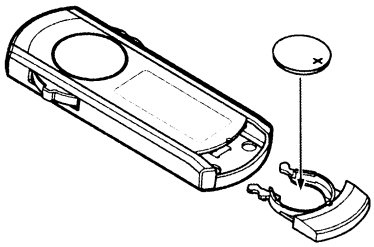
Battery Replacement

Battery type: CR2025 battery or equivalent

1 Opening the battery case
Slide out the battery cover.

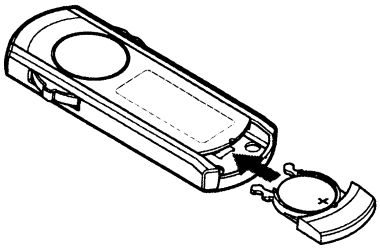


2 Replacing the battery
Put the battery in the case with the (+) indication upward as shown in the illustration.



- *Placing a battery in backwards way may cause a malfunction.*

3 Closing the cover
Slide the cover as illustrated until a click is heard.



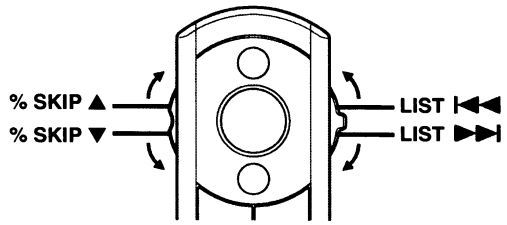
⚠WARNING

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

About Slide Switch Operation

Perform the LIST operation by moving the slide switch on the right forward ▶▶| or back |◀◀.
Perform the SKIP operation by moving the slide switch on the left forward ▼ or back ▲.



These switches are identified in this manual as follows.
Slide switch on the right: "the LIST switch"
Slide switch on the left: "the %SKIP switch"

Turning Power On and Off

Press the ⏻ switch of monitor to turn on the unit.

Press and hold the ⏻ switch of monitor for at least 2 seconds to turn off the unit.

- *When an iPod is connected, the power is automatically turned on.*
- *If the unit is connected, and the power is turned on when the cigarette lighter power is turned on, the battery continues to be consumed. Depending on the vehicle, even if you turn off the engine, the cigarette lighter power is not turned off, and if it is left turned on for long time, the battery may be drained entirely. In this case, disconnect the cigarette adapter. Also, activate the Automatic Power OFF function. Refer to "Automatic Power OFF Function (Auto Poweroff)" (page 15).*

Detaching and Attaching the Monitor

For taking the monitor out of the car, refer to step 3 in "Installing the Monitor" (page 19).

How to connect to a Bluetooth compatible device (Pairing)

For details on the control from a Bluetooth compatible device, refer to the Owner's Manual of the Bluetooth compatible device.

1 Press SETUP to activate the SETUP selection mode.

2 Slide the LIST switch in the direction of ▶▶| to select "Bluetooth," and then press Q/ENTER.

3 Press Q/ENTER.
The pairing mode is activated, and connection with a Bluetooth compatible device is available.

4 Set a Bluetooth connection from a Bluetooth compatible device.

5 The PIN code (Initial setting "0000") is displayed on this unit.

6 Input the PIN code in a Bluetooth compatible device.

7 If this unit is successfully connected to a Bluetooth compatible device, a paired device name is displayed on the unit.

- *For mobile phone pass code (PIN code) input operation, refer to the mobile's Owner's Manual.*
- *The PIN code (pass code) can be set. Refer to "Setting the PIN Code (Pass Code)" (page 14).*
- *If a device name is not displayed when a mobile phone is connected, Phone1 to 5 is displayed; when an audio device is connected, Audio1 to 5 is displayed; phone/audio is connected, Device1 to 5 is displayed.*
- *You can connect (pair) up to 5 Bluetooth compatible mobile phones or audio devices. When a 6th phone or device is connected, the least used device is automatically disconnected.*
- *If the unit cannot be connected to a Bluetooth compatible device, "Pairing Failed" is displayed for 2 seconds.*

About Sound Output of the Unit

Sound of the unit is output using the FM transmitter function, which transmits sound to the FM car radio by radio signals, or via an audio output terminal. Set sound output in "Setting Sound Output (Output Mode)" (page 15).
If sound is output from the FM radio, refer to "FM Transmitter Function (Frequency)" (page 13), and adjust the frequency accordingly.
When the hands-free phone function is used, you can select whether sound is output from the built-in speaker of the unit. Refer to "Setting the Telephone Voice Output (HFP Speaker)" (page 14).

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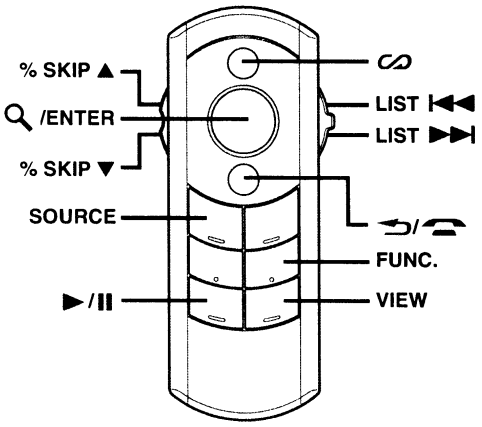


An iPod can be connected to the eX-10 by using the FULL SPEED™ Connection Cable (supplied).
When the eX-10 is connected by using the cable, the controls on the iPod are not functional.

About iPods usable with this unit

- The unit can be used with the following iPod versions. Correct function of earlier versions cannot be guranteed.

  First generation iPod classic : Ver.1.0.1
  First generation iPod touch : Ver.1.1.1
  Third generation iPod nano : Ver.1.0.1
  Fifth generation iPod : Ver.1.2.1
  Fourth generation iPod : Ver.3.1.1
  iPod photo : Ver.1.2.1
  Second generation iPod nano : Ver.1.1.3
  First generation iPod nano : Ver.1.3.1
  iPod mini : Ver.1.4.1

- The unit can be used with the fourth generation and above iPod, iPod photo, iPod mini or the iPod nano only. However, future generation iPod compatibility cannot be guranteed.
- Touch wheel or scroll wheel type iPods without the dock connector cannot be connected to the unit.

How to View the Display

<iPod screen display example>

1 Mode display
2 Song title/Episode title/Audiobook title
3 Album title/Podcast title
4 Artist title/Release date
5 Artwork
6 Elapsed time
7 Remaining time for playing
8 FM transmitter frequency display/"AUX" display

- *Only alphanumeric characters can be displayed.*
- *The maximum number of characters is 128 (128 byte).*
- *Some characters may not be correctly displayed.*
- *If there is no tag information, or there is character information that is not supported by the unit, nothing is displayed.*
- *If a song includes cover art data, etc., you can display it during playback. Note that while artwork data is being downloaded (max. 6 seconds), no operation can be performed. Elapsed playing time is also not displayed. If you want to display artwork automatically, set to Auto in "Setting Artwork Download (Artwork Display)" (page 16). 2 seconds after playback of a song has started, artwork data automatically starts downloading. If the artwork type is set to "Song" in "Setting Artwork Type (Artwork Type)" (page 16), data downloading is carried out every time a new song is selected.*

Playback

1 Press SOURCE to switch to the iPod mode.

2 Slide the LIST switch in the direction of ◄◄ or ►►I.

Return to the beginning of the current song:
Slide the LIST switch in the direction of ◄◄.

Fast backward:
Slide and hold the LIST switch in the direction of ◄◄.

Advance to the beginning of the next song:
Slide the LIST switch in the direction of ►►I.

Fast forward:
Slide and hold the LIST switch in the direction of ►►I.

3 To pause playback, press ►/II.
Pressing ►/II again will resume playback.

- *If a song is playing on the iPod when it is connected to the eX-10, it will continue playing after the connection.*
- *For an iPod, if shuffle/repeat is set, even if the iPod is connected to the unit and shuffle/repeat mode is changed, the iPod will return to the original mode when it is removed.*

Searching for a desired Song/Title

An iPod can contain thousands of songs. The unit for this reason can make various searches using the search function as shown below.

Using the Playlist/Artist/Album/Podcast/Audiobook/Genre/Composer/ Song search mode's individual hierarchy, you can narrow down your search as shown in the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlists	Songs	—	—
Artists	Albums	Songs	—
Albums	Songs	—	—
Podcasts	Episode	—	—
Audiobooks	—	—	—
Genres	Artists	Albums	Songs
Composers	Albums	Songs	—
Songs	—	—	—

- *You can select your preferred search mode. Refer to "iPod Search Mode Setting" (page 16).*

For example: Searching by Artist name

The following example explains how an ARTIST search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

1 Press Q/ENTER to activate the Menu Select mode.

2 Slide the LIST switch in the direction of I◄◄ or ►►I to select "Artists," and then press Q /ENTER.

The artist search mode is activated and an artist name is displayed.

3 Slide the LIST switch in the direction of I◄◄ or ►►I to select the desired Artist, and then press Q /ENTER.

The album search mode is activated and an album name is displayed.

- *After selecting an artist, pressing ►/II will play back all songs of the selected artist.*

4 Slide the LIST switch in the direction of I◄◄ or ►►I to select an album, and then press Q /ENTER.

The song search mode is activated and a song name is displayed.

- *After selecting an album, pressing ►/II will play back all songs of the selected album.*

5 Slide the LIST switch in the direction of I◄◄ or ►►I to select a song, and then press Q /ENTER.

The selected song is played back.

- *While in the search mode, if you press and hold ⮌/☎ for at least 2 seconds the search mode is canceled.*
- *In the search mode, pressing ⮌/☎ will return to the previous mode.*
- *If the iPod's name is selected in the Playlist search mode and Q /ENTER is pressed, all songs in the iPod are searchable.*
- *When a list is displayed, you can use the percent skip function. For details, refer to "Percent Skip Function" (page 7).*
- *If you slide and hold the **LIST** switch when a list is selected, you can change the list continuously.*
- *During the search mode, if "All" is selected and Q /ENTER is pressed, you can search for all titles in the next hierarchy For example, if "All" is selected and Q /ENTERis pressed in the artist mode, a list of all albums is displayed.*

Percent Skip Function

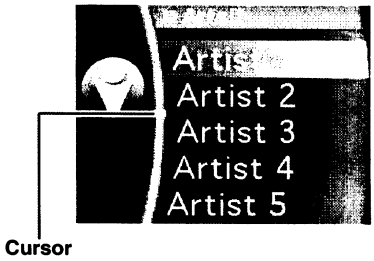
The unit is provided with a percent skip function for effective searching. When you use this function in the search mode, you can quickly search an artist or a song, etc.

1 Slide the % SKIP switch in the direction of ▲ or ▼.

For example, 100 songs are stored in the iPod. These 100 songs are divided into 10 groups (0%, 10%···90%).

■ Percent skip display example

- *The percentage of songs stored in the list can be indicated by moving the cursor position. The display example shows 50%.*



Cursor

- *If you slide and hold the %SKIP switch, you can skip continuously.*

Search Position Memory

During iPod playback, you can quickly return to the last-selected hierarchy level in the search mode.

1 Press ⮌/☎.
The hierarchy you selected last in the search mode is displayed.

- *While playing back Shuffle All, search position memory is not available.*

Up/Down Function

If you select an album and press ▶/❚❚ in the search mode, this album will be played back repeatedly. To go to the previous or next Album, use the Up/Down function.

Slide the %SKIP switch in the direction of ▲.
Returns to the previous item.

Slide the %SKIP switch in the direction of ▼.
Advances to the next item.

- *If you do not perform a search or only search for a song name or audiobook, this function is not valid.*
- *During an artist search, albums for that artist can be played.*
- *If an album is selected during an artist search, the Up/Down function can be used to play other albums by that artist.*
- *This function is inactive during shuffle playback.*
- *If you slide and hold the %SKIP switch, you can skip continuously.*

Random Play Shuffle

1 Press FUNC.
The Function screen is displayed.

2 Slide the LIST switch in the direction of ⏮ or ⏭ to select "Shuffle," and then press 🔍 /ENTER.
The Shuffle mode is activated.

3 Slide the LIST switch in the direction of ⏮ or ⏭ to select the Shuffle playback mode, and then press 🔍 /ENTER.

Shuffle Album	🔀	: An album in the iPod is selected at random, and is played back in the album song order.
Song	🔀	: If you select a song in the search mode, all songs in the selected mode are played back at random.
Off		: Shuffle mode off.

4 Press ⮌/☎.
The songs will be played back in random sequence.

- *To cancel, select Off in the above procedure.*
- *Shuffle Album/Shuffle Song works the same way as iPod Shuffle Albums/Shuffle Songs.*

Random Play Shuffle All

Shuffle ALL plays all songs in the iPod randomly.

1 Press ∞.
The indicator 🔀 ALL lights, and the songs will be played back in random sequence.

- *To cancel, press ∞ again.*
- *If Shuffle All is selected, the selected ones which are being played back in the search mode are cancelled.*
- *You can also activate the Shuffle All mode from the Menu Select screen. After pressing 🔍 /ENTER while "Shuffle All" is being selected, press 🔍 /ENTER again.*

Repeat Play

1 Press FUNC.
The Function screen is displayed.

2 Press 🔍 /ENTER.
The Repeat mode is activated.

3 Slide the LIST switch in the direction of ⏮ or ⏭ to select "Song," and then press 🔍 /ENTER.

Repeat Song	🔁	: A single song is repeatedly played back.
Off		: Repeat mode off.

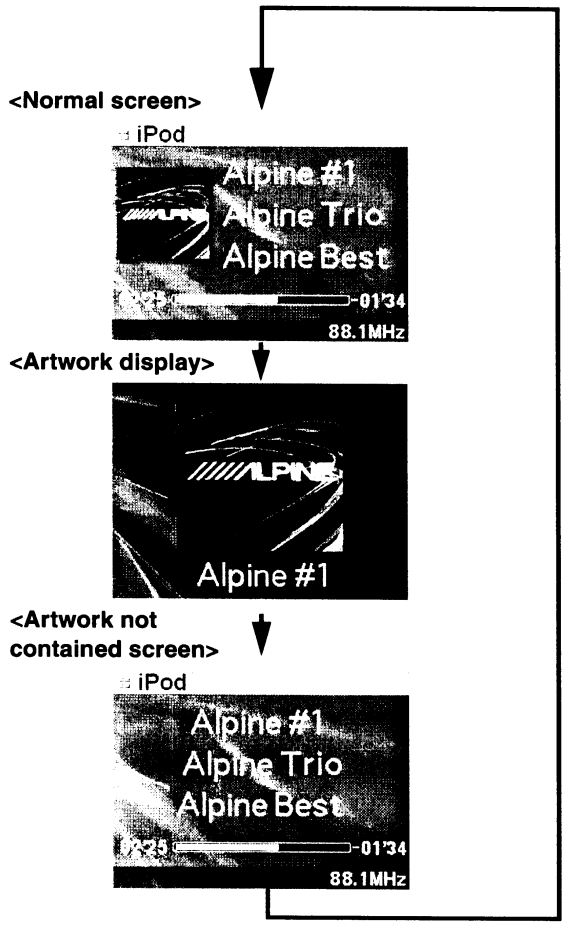
4 Press ⮌/☎.
The song is repeatedly played back.

- *To cancel, select Off in the above procedure.*
- *During repeat playback, no other songs are selectable by sliding the LIST switch in the direction ⏮ or ⏭.*
- *Both the shuffle and repeat indicators that can be set are displayed, only one song repeats.*

Changing the Display

If a song contains cover art data, etc., you can change the current display to show the artwork.

Press VIEW.



- *You can set how to download artwork or artwork type. Refer to "Setting Artwork Download (Artwork Display)" (page 16) and "Setting Artwork Type (Artwork Type)" (page 16).*
- *If Auto is set in "Setting Artwork Download (Artwork Display)" (page 16), artwork is automatically downloaded every time a new song is selected. Artwork is downloaded approx. 2 seconds after starting playback of the song.*
- *When artwork is downloaded (maximum 6 seconds), no operation can be performed.*

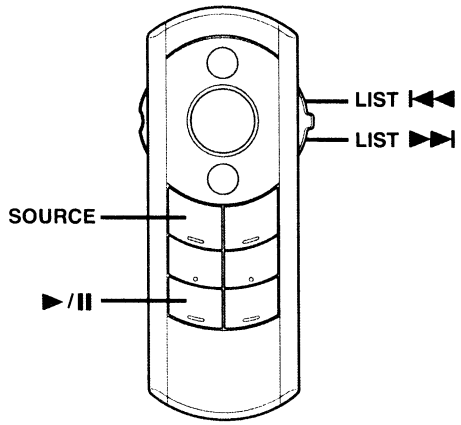
Downloading Artwork Data manually

If Manual is set in "Setting Artwork Download (Artwork Display)" (page 16), download artwork data manually.

During iPod playback, press and hold VIEW for at least 2 seconds.

- *If there is no artwork data, or artwork data has already been obtained, data cannot be downloaded.*

Bluetooth Audio

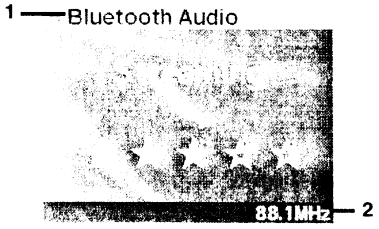


If a Bluetooth compatible mobile phone, portable player, etc. is connected by wireless, you can play back a song (operation is controllable from the unit).

- *To play back audio, a mobile phone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) or AVRCP (Audio/Video Remote Control Profile) is required.*
  Not all functions work with all devices.

How to View the Display

<Bluetooth Audio screen display example>



1 Mode display
2 FM transmitter frequency

Playback

1 Press SOURCE to select the Bluetooth Audio mode.

2 Slide the LIST switch in the direction of ⏮ or ⏭.

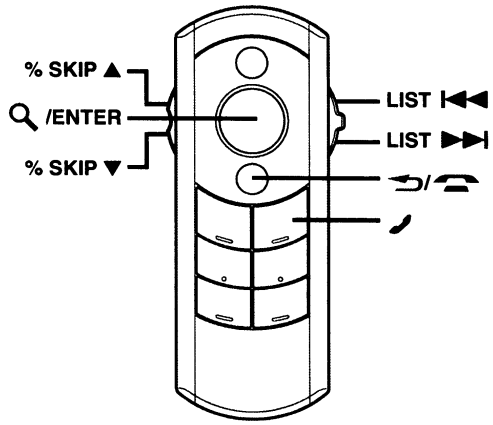
Returning to the beginning of the current track (file):
Slide the LIST switch in the direction of ⏮.

Advancing to the beginning of the next track (file):
Slide the LIST switch in the direction of ⏭.

3 To pause playback, press ►/II.
Pressing ►/II again will resume playback.

- *Depending on the connected devices, pressing **SOURCE** during pause will start Bluetooth audio playback, then change to the audio mode.*

Hands-Free Phone Control



About the Hands-Free Phone

Hands-free calls are possible when using a HSP (Head Set Profile) and HFP (Hands-Free Profile) compatible mobile phone with the eX-10.

- *Avoid answering a hands-free call in heavy traffic or on narrow streets where driver attention is demanding.*
- *To enhance call audio, shut the windows to reduce ambient noises.*
- *Making or receiving calls in noisy locations reduces the audio quality on both ends of the call.*
- *Telephone line conditions and other hands-free microphones may cause voices to sound unnatural.*
- *Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality.*
  All features, functionality, and other product specifications,as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
  Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE No., etc.).

Press .
The call starts.

- *When "Setting the Received Calls automatically (Auto Answer)" (page 14) is set to ON, you can receive a call automatically.*
- *While calling, iPod or Bluetooth audio temporarily stops. After calling, playback will resume.*

Hanging up the Telephone

Press .
The call finishes.

- *While receiving, you can also hang up by pressing .*

Redial Function

You can redial the person you have previously called.

After finishing a call, press within 5 seconds.
The telephone is redialed.

- *If you receive a call from an unknown number, you cannot use the redial function to call back.*

Calling

Call History is recorded for up to the last 10 dialed/received/missed calls. There are various ways of making calls based on the "Calling." The following steps 1 to 5 are common to the various ways of making these calls. For details, refer to each individual category for making calls.

1 Press .
The outgoing method list is displayed.

2 Slide the LIST switch in the direction of ◀◀ or ▶▶ to select the outgoing mode.

Setting items	: Dialed List / Received List /Missed List / Phonebook / Phonebook (SIM)
Dialed List	: Dialed history
Received List	: Received history
Missed List	: Missed incoming history
Phonebook	: Mobile phonebook
Phonebook (SIM)	: Mobile phonebook stored in SIM card

3 Press /ENTER.
The outgoing mode is activated, and each mode list is displayed.

- *It may take some time for the list to be displayed, and also directly after connection, the list may not be brought up to date.*

4 Slide the LIST switch in the direction of ◀◀ or ▶▶.
Select a telephone number from the list.

- *If sliding the %SKIP switch in the direction of ▲ or ▼, you can change a page of the list.*

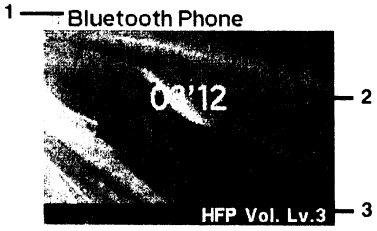
Continued

5 Press ✆.

Select the telephone number and dial.

If 🔍 /ENTER is pressed, the selected name or the telephone number is displayed. If 🔍 /ENTER is pressed again, the telephone will be called.

■ Display example



1 Mode display
2 Call time
3 Receiving Volume

- *The names registered in the telephone book are displayed. If the name is not registered, a number is displayed. If both name and number cannot be displayed, "----------" will be displayed.*
- *If you place a call directly from the paired mobile phone, the phone number is not displayed, you cannot redial from the unit in this case.*

Redialing a Number In Outgoing History

Previously dialed telephone numbers are stored in dialed calls history. You can redial a number by searching from dialed calls history.

Setting item: Dialed List

Dialing a Number In Incoming History

Telephone numbers from received calls are stored in the Received List. You can redial these numbers by searching here.

Setting item: Received List

Dialing a Number In Incoming Missed Call History

Telephone numbers for received calls that are missed, are stored in the Missed List. You can redial these numbers by searching here.

Setting item: Missed List

Dialing a Number In The Phone Book

Up to 1,000 telephone numbers are downloadable from a mobile phone. Dial a call by selecting a person from the phone book list.

Setting item: Phonebook / Phonebook (SIM)

- *If a name cannot be obtained via the phonebook, nothing is displayed.*
- *The order of the list display depends on the design of the mobile phone.*
- *If the call history or phonebook of the mobile phone is added or deleted while it is connected to the unit, the list displayed on the unit may not be brought up to date. If it is not updated, you cannot correctly place a call.*

Voice Dial Operation

You can call the telephone by performing voice operation.

1 Press and hold ✆ for at least 2 seconds.

The speak mode is activated, and "Speak" is displayed.

2 Say the telephone number, name you want to call into the unit.

- *You can perform this operation only when a voice dial compatible mobile phone is connected. If the mobile phone is not compatible with the voice dial, "No Support" is displayed for 2 seconds.*
- *If a called person that you say is not found, "No Call" is displayed for 2 seconds.*
- *Voice dial operation depends on the function of the mobile phone. For details, refer to the Owner's Manual of the mobile phone.*
- *If you place a call via voice dial, you cannot display a phone number or name.*

Adjusting the Volume when receiving a Call

Set the receiving volume while calling.

1 While calling, press ✆ to adjust the volume.

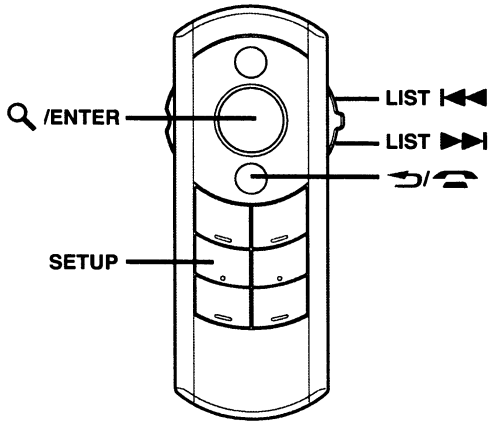
Each press will adjust the volume during a call.

Level1 → Level2 → Level3 → Level4 → Level5 → Level1

- *When the call is finished, return to the volume level you previously set in the SETUP mode. Refer to "Adjusting the volume (HFP Volume)" (page 14).*

SETUP

Use the SETUP menu to flexibly customize the unit to suit your own preferences and usage. Choose settings from General, Display, etc., to make the desired changes.



Follow steps 1 to 5 to choose an item to change. See the individual item descriptions following Step 5 for further details.

1 Press SETUP to activate the SETUP selection mode.

2 Slide the LIST switch in the direction of ⏮ or ⏭ to select the desired item, and then press /ENTER.

Transmitter ↔ Bluetooth ↔ Audio ↔ General ↔ Display ↔ iPod (e.g. Select General)

3 Slide the LIST switch in the direction of ⏮ or ⏭ to select a setting item, and then press /ENTER.

(e.g. Select Beep)

Transmitter:
Frequency

Bluetooth:
Pairing Mode* ↔ Paired Phone ↔ Paired Audio ↔ Clear Devices ↔ Pass Code ↔ Auto Connect ↔ Auto Answer ↔ HFP Volume ↔ HFP Speaker

Audio:
Factory's EQ

General:
Language ↔ Beep ↔ Demo ↔ Output Mode ↔ Auto Poweroff

Display:
Dimmer Level ↔ Text Scroll ↔ BGV Select

iPod:
Artwork Display ↔ Artwork Type ↔ Playlist ↔ Artist ↔ Album ↔ Podcast ↔ Audiobook ↔ Genre ↔ Composer ↔ Song

* *Refer to "How to connect to a Bluetooth compatible device (Pairing)" (page 5).*

4 Slide the LIST switch in the direction of ⏮ or ⏭ to change the setting, and then press /ENTER.

(e.g. Select Beep On or Beep Off.)

5 Press and hold ⏎/📞 for 2 seconds to return to normal mode.

- *Pressing ⏎/📞 during the procedure will return to the previous mode.*

Transmitter Setting

Select Transmitter from the setup main menu in step 2.

FM Transmitter Function (Frequency)

Frequency 88.1–107.9 MHz

You can listen to sound of the unit from the FM car radio. Match the frequency set and stored in the unit with the frequency of the car radio.

■ Storing a Frequency

1 Slide the LIST switch in the direction of ⏮ or ⏭ to select the frequency you want to change, and then press and hold /ENTER for at least 2 seconds.

The frequency setting mode is activated.

2 Slide the LIST switch in the direction of ⏮ or ⏭ to tune the desired frequency, and then press /ENTER.

The frequency is stored.

- *If unit sound is interfered with by other FM radio stations, change to another frequency.*
- *Recommended frequencies should be more than 0.4MHz from the interfering FM radio station.*
- *Volume is adjusted on the radio side.*
- *When the radio frequency is tuned, automatic radio tuning may continue. In this case, tune the radio station manually.*
- *Actual transmission reach of the FM transmitter is approx. 1.5 m. Depending on placement, you may not be able to listen to the radio. Place the transmitter where radio sensitivity is good.*
- *While setting, pressing ⏎/📞 will cancel the frequency you previously set.*

■ Recalling the Stored Frequency

Recall the stored frequency.

Slide the LIST switch in the direction of ⏮ or ⏭ to select a frequency, and then press /ENTER.

The selected frequency is recalled.

Continued

Bluetooth Setting

Select Bluetooth from the setup main menu in step 2.

Setting the Bluetooth Device (Paired Phone/Paired Audio)

- **Hands-free phone mode**
  Paired Phone Device Name, or Device1 to Device5, Phone1 to Phone5
- **Bluetooth audio mode**
  Paired Audio Device Name, or Device1 to Device5, Audio1 to Audio5

Select one of up to 10 connected Bluetooth compatible devices (5 mobile phones and 5 audio devices) that you previously registered.

You can set hands-free phone or Bluetooth audio in each mode. Select a mobile phone you want to use as a hands-free phone by Paired Phone. Select a device to listen to audio by Paired Audio. You can use both Paired Phone and Paired Audio by selecting the same mobile phone.

Slide the LIST switch in the direction of ⏮ or ⏭ to select a Bluetooth compatible device, and then press 🔍 /ENTER.

The selected device is connected.

- *If the connection is successfully changed, "Connected/(Device name)" is displayed for 2 seconds, and then the display returns to the SETUP screen.*
- *If you fail to disconnect the currently connected device, "Disconnecting Failed" will be displayed, and "Connecting Failed" will be displayed in the case of a failed connection.*
- *The connected device name is displayed at the top of the list.*

Deleting a Bluetooth Device from the list (Clear Devices)

Clear Devices Device Name, or Device1 to Device5, Phone1 to Phone5, Audio1 to Audio5

You can delete the history of a previously connected Bluetooth compatible device.

Slide the LIST in the direction of ⏮ or ⏭ to select the Bluetooth compatible device to be deleted, and then press 🔍 /ENTER.

Registration of the selected device is deleted.

Setting the PIN Code (Pass Code)

Pass Code 0000 (Initial setting) ~ 9999

Set the PIN code (pass code) to use as a recognition key when Bluetooth communication is performed.

1 Select a digit to set by sliding the LIST switch in direction of ⏮ or ⏭, and then press 🔍 /ENTER.

The selected digit setting mode is activated.

2 Select a number by sliding the LIST switch in direction of ⏮ or ⏭, and then press 🔍 /ENTER.

The selected number is entered.

3 Set each 4 digit PIN code by repeating step 1 and 2.

- *While setting, pressing ↩/📞 will cancel the number you previously set.*

Setting the Automatic Connection (Auto Connect)

Auto Connect On (Initial setting) / Auto Connect Off

When ACC is turned on, set whether the Bluetooth device already registered in the unit is automatically connected or not.

On	: Devices are automatically connected.
Off	: Devices are not automatically connected.

Setting the Received Calls automatically (Auto Answer)

Auto Answer On / Auto Answer Off (Initial setting)

When a call is received, you can set whether to answer it automatically or not.

On	: When a call is received, it will be answered automatically.
Off	: When a call is received, it will not be answered automatically. Press 📞 to answer a call.

- *Even if this setting is set to ON/OFF, the received call setting on the mobile phone takes priority.*

Adjusting the volume (HFP Volume)

HFP Volume Level1 to Level 5 (initial setting:Level 3)

Slide the LIST switch in the direction of ⏮ or ⏭ to select a level, and then press 🔍 /ENTER.

The receiving volume is set.

- *You may need to increase volume from your regular audio listening source level. However, increasing the volume excessively may result in feedback. If feedback is noticed as feedback is directly related to the volume, turn down the volume as low as acceptable to eliminate it. Positioning the microphone in a direction away from the main car speakers (e.g. clipped on sunvisor) may also reduce feedback at high volume.*

Setting the Telephone Voice Output (HFP Speaker)

HFP Speaker Internal (Initial setting)/External

Set how to output the mobile phone voice during a call.

Internal	: Voice is output from the built-in speaker of the unit.
External	: Voice is output from an external device (FM transmitter, or device connected to the audio output terminal).

Audio Setting

Select Audio from the setup main menu in step 2.

Equalizer Presets

Factory's EQ Flat (Initial setting)/ Pops / Rock / News / Jazz/ Blues / Electrical Dance / HipHop/Rap / Easy Listening / Country / Classical

9 typical equalizer settings are preset at the factory for a variety of musical source material.

Slide the LIST switch in the direction of ⏮ or ⏭ to select the desired equalizer characteristic, and then press 🔍 /ENTER.

General Setting

General is selected on the setup main menu in step 2.

Setting the Language

For US (Initial setting) / For EU1 / For EU2 / For JPN / OTHER

Set the language to be displayed on the unit. Set to For US to use the setting.

For US	: English, French, Spanish
For EU1	: Russian, English
For EU2	: English, German, French, Spanish, Italian, Swedish, Portuguese
For JPN	: Japanese, English
OTHER	: Chinese (Chinese standard), English

Sound (Beep) Guide Function

Beep On (Initial setting) / Beep Off

This function will give audible feedback with varying tones depending upon the button pressed.

Demonstration

Demo On / Demo Off (Initial setting)

This unit has a Demonstration feature for the display.

- *To quit Demo mode, set to Demo OFF.*

Setting Sound Output (Output Mode)

Transmitter (Initial setting) / Wire Transmitter / AUX

When an iPod or Bluetooth audio is played back, set how to output sound.

Transmitter	: Output sound using FM transmitter
Wire Transmitter	: not usually used. Set when an optional FM Switching Box is connected and the transmitter function is used.
AUX	: Output sound from an audio output terminal

- *Depending on regulations, an optional FM Switching Box may be required. Consult your dealer.*

Automatic Power OFF Function (Auto Poweroff)

60 min / 90 min / 120 min / Off (Initial setting)

Depending on the vehicle, even if the engine is turned off, the cigarette lighter may not be turned off. If the cigarette lighter is left turned on, the battery may be drained entirely. To prevent battery drainage, the unit has an Automatic Power OFF function that automatically turns the unit off when no operation performed for a certain period of time. Set this time to your preference.

60 min / 90 min / 120 min	: if no operation is performed for 60 min. / 90 min. /120 min. the unit power is automatically turned off.
Off	: Do not use the Auto Power OFF function.

Display Setting

Display is selected on the setup main menu in step 2.

Adjusting the Level of the Display Brightness (Dimmer Level)

Dimmer Level – 7 to + 7 (Initial setting: 0)

You can change the display brightness. You can use this function when the display is too bright while driving at night.

Slide the LIST switch in the direction of ⏮ or ⏭.

⏮	: Display becomes darker.
⏭	: Display becomes brighter.

Scroll Setting (Text Scroll)

Text Scroll On / Text Scroll Off (Initial setting)

You can set a scroll type such as song title or file name on the source screen. If the search mode screen displays fills with text, the display scrolls.

Text Scroll On	: Text information is scrolled automatically.
Text Scroll Off	: The first display scrolls text information one time only.

- *In parts of the display, scrolling may not occur, or scroll content may differ.*
- *Regardless of this setting, if the display is filled with text, the display scrolls.*

Switching the Display Type (BGV Select)

BGV Select Type 1 (Initial setting) / Type 2 / Type 3

You can select your favorite display for background from 3 types.

iPod Setting

iPod is selected on the setup main menu in step 2.

Setting Artwork Download (Artwork Display)

Artwork Display Auto (Initial setting) / Artwork Display Manual

Download artwork in an iPod, and set whether artwork is displayed or not. Set when you use a First generation iPod classic, First generation iPod touch, First generation/ Second generation /Third generation iPod nano, Fifth generation iPod.

Auto : During playback, downloads artwork automatically.
Manual : Download artwork manually.

Setting Artwork Type (Artwork Type)

Artwork Type Album (Initial setting) / Artwork Type Song

You can set the downloaded artwork type.

Album : Displays album artwork if a song contains the same album, artwork of the first song played back is displayed for all songs.
Song : Downloads artwork for every song, and display.

iPod Search Mode Setting

On / Off

The unit allows you to search for the iPod using eight different search modes.
When the search mode is in Playlists/Artists/Albums/Podcasts/ Audiobooks, the initial setting is On, and when the search mode is in Genres/Composers/Songs, the initial setting is Off.

- *For search mode details, refer to "Searching for a desired Song/ Title" (page 7).*

Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.

- Vehicle's ignition is off.
  - If connected following instructions, the unit will not operate with the vehicle's ignition off.
- Blown fuse.
  - Check the fuse of the unit; replace with the proper value if necessary.

iPod

iPod does not play and no sound is output.

- The iPod has not been recognized.
  - Reset the iPod. To reset the iPod, refer to the Owner's Manual of the iPod.

Indication for iPod Mode

No iPod

- The iPod is not connected.
  - Make sure the iPod is correctly connected (refer to "Connections").
    Make sure the cable is not bent excessively.

No Song

- There are no songs in the iPod.
  - Download songs to the iPod and connect to this unit.

Error 01

- Communication error
  - Turn the ignition key off, and then set to ON again.
  - Check the display by reconnecting between the iPod and this unit, using the FULL SPEED™ Connection Cable.

Error 02

- Caused by the iPod Software Version not being compatible with this unit.
  - Update the iPod Software Version to be compatible with this unit.

Bluetooth mode

No Unit

- The Bluetooth device is not connected.
  - Connect the Bluetooth device.

Specifications

BLUETOOTH SECTION

Bluetooth Version	Bluetooth 1.2 CERTIFIED
Output Power	+4 dBm Max. (Power class 2)
HFP	(Hands-Free Profile)
HSP	(Head Set Profile)
A2DP	(Advanced Audio Distribution Profile)
AVRCP	(Audio/Video Remote Control Profile)

REMOTE CONTROL

Battery Type	CR2025 battery
Width	36 mm (1-7/16")
Height	100 mm (3-15/16")
Depth	12.4 mm (15/32")
Weight	31 g (1.09 oz) (battery excluded)

GENERAL

Power Requirement	14.4 V DC (11-16 V allowable)
Maximum Pre-Output Voltage	AUX 1200 mV

CHASSIS SIZE (Monitor section)

Width	78.6 mm (3-1/16")
Height	55.7 mm (2-1/4")
Depth	20.2 mm (25/32")
Weight	78 g (2.75 oz) (Monitor) 60 g (2.12 oz) (Stand)

CHASSIS SIZE (I/F box)

Width	58.7 mm (2-5/16")
Height	27.7 mm (1-1/8")
Depth	85.5 mm (3-3/8")
Weight	72 g (2.54 oz)

- *Due to continuous product improvement, specifications and design are subject to change without notice.*

Installation and Connections

Before installing or connecting the unit, please read the following and page 3 of this manual thoroughly for proper use.

⚠ Warning

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING THE ANTENNA CABLE ON THE CAR SIDE, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BOLTS OR SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

DO NOT INSTALL THE MONITOR NEAR THE PASSENGER SEAT AIR BAG.

If the unit is not installed correctly the air bag may not function correctly and when triggered the air bag may cause the monitor to spring upwards causing an accident and injuries.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedal, etc. can be extremely hazardous.

⚠ Caution

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

Precautions

- If an antenna cable on the car side is used: be sure to disconnect the cable from the (-) battery post before installing your eX-10. This will reduce any chance of damage to the unit in case of a short-circuit.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the eX-10 to the fuse box, make sure the fuse for the intended circuit of the eX-10 has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.

IMPORTANT Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.	SERIAL NUMBER: _____ INSTALLATION DATE: _____ INSTALLATION TECHNICIAN: _____ PLACE OF PURCHASE: _____

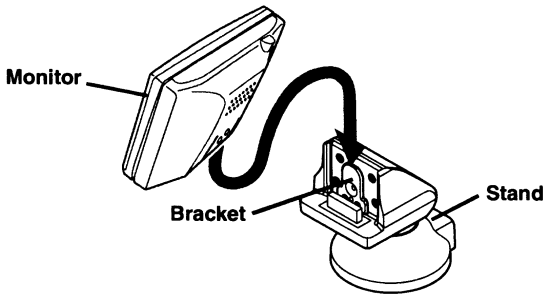
Installation

Installing the Monitor

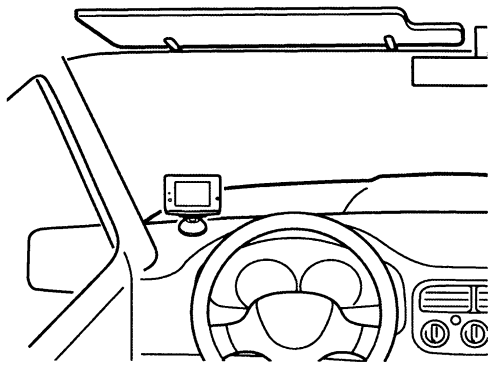
⚠CAUTION

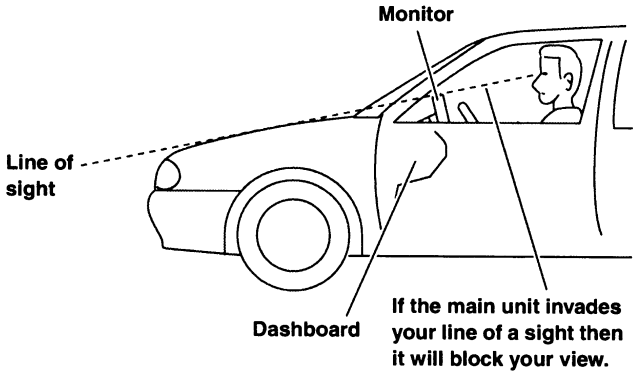
Do not install the monitor near the front passenger seat air bag system.

1 Install the monitor on the stand securely.
Install the monitor on the stand by aligning its back through the bracket of the stand.



2 Check the mounting location.
① Temporarily fasten the stand with adhesive tape.
② Adjust to a safe, viewable position.



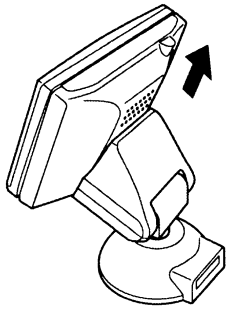


In order to use safely, attach to the following places.

- Stable and secure places.
- Places that will not have your view blocked by the main unit when driving.
- Places that you will not hit against if you lean forward while you wearing your seatbelt.
- Places where the main unit cannot hit against the steering wheel while driving.

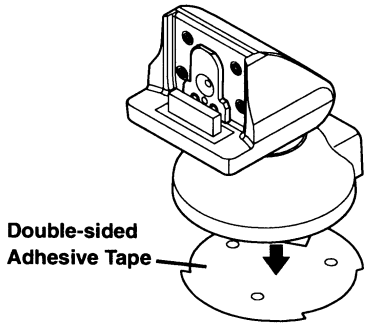
- *Be aware that if the surface of the dashboard is leather, wooden panel, stretched fabric or any non-resin based product, then the surface will be damaged when you remove the stand.*
- *Do not place the main unit directly in front of the air conditioner vents.*

3 Remove the monitor from the stand.



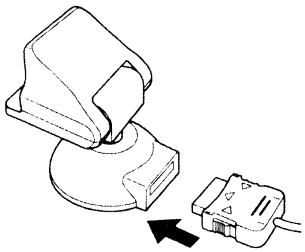
- *When you take the monitor out of the car, remove the monitor from the stand by referring to step 3.*
  When you install the monitor, refer to step 1.

4 Install the stand using the supplied double-sided adhesive tape. Remove any dirt on the surface to install, using the supplied cloth.



- *If the temperature in the car is low (Winter), then first heat up the place where you are going to stick the mount with a hairdryer, etc.*
- *Do not apply force to the mount, or expose to humidity, within 24 hours after attaching.*
- *If the mount is not firmly stuck, then we recommend that you attach with the supplied fixing screws. (For installation, refer to page 20.)*

5 **Connect the stand to the monitor cable.**



6 **Attach the monitor to the stand as shown in step 1.**
Use the cable clamps to fix the cables.

- *Before using, check that the monitor and stand assembly is mounted securely at the chosen mounting location.*
- *Do not adjust the angle of the monitor with excessive force.*

Mounting the Microphone

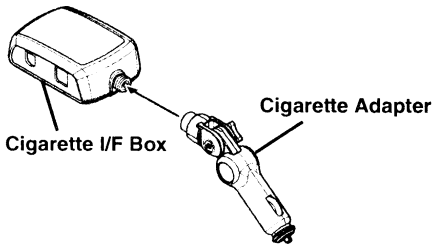
For the sake of safety, mount the microphone in the following location.

- In a stable and secure location.
- In a location that does not inhibit safely driving the vehicle.
- Mount the microphone in a location where the driver's voice can easily be picked up.

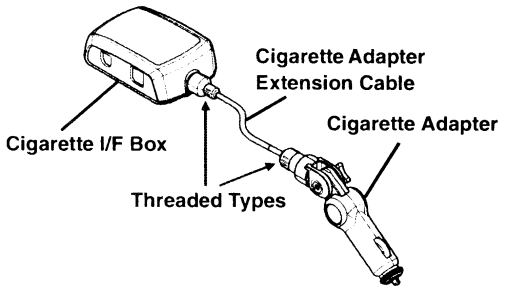
Choose a location for the microphone that can easily pick up the drivers voice. Requiring the driver to move towards the microphone for audibility causes a distraction that could be dangerous.

Connecting the Cigarette Adapter to the Cigarette I/F Box

If the cigarette adapter is directly connected:



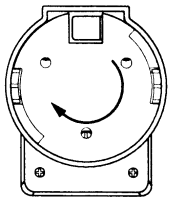
If the cigarette adapter is connected using the cigarette adapter extension cable:



- *Install the cigarette I/F Box:*
  Install the cigarette I/F Box in a safe location using the supplied Velcro Fasteners (2 pieces).

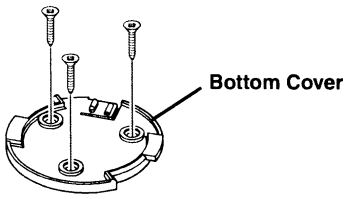
Installing the Stand using Screws fixed

1 **Remove the bottom cover from the stand by turning it in the direction of the arrow mark.**

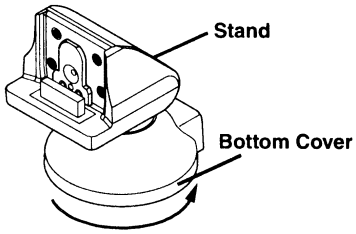


Stand Bottom Side

2 **Attach the bottom cover using the supplied screws.**



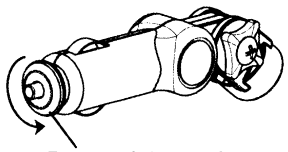
3 **Attach the stand by turning it to the direction arrow marks until it locks.**



How to remove the Fuse

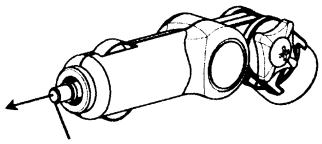
The fuse (2A) is built into the cigarette adapter.

1



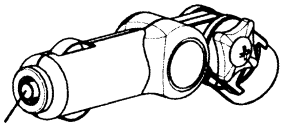
Remove it by turning
(Threaded Type)

2



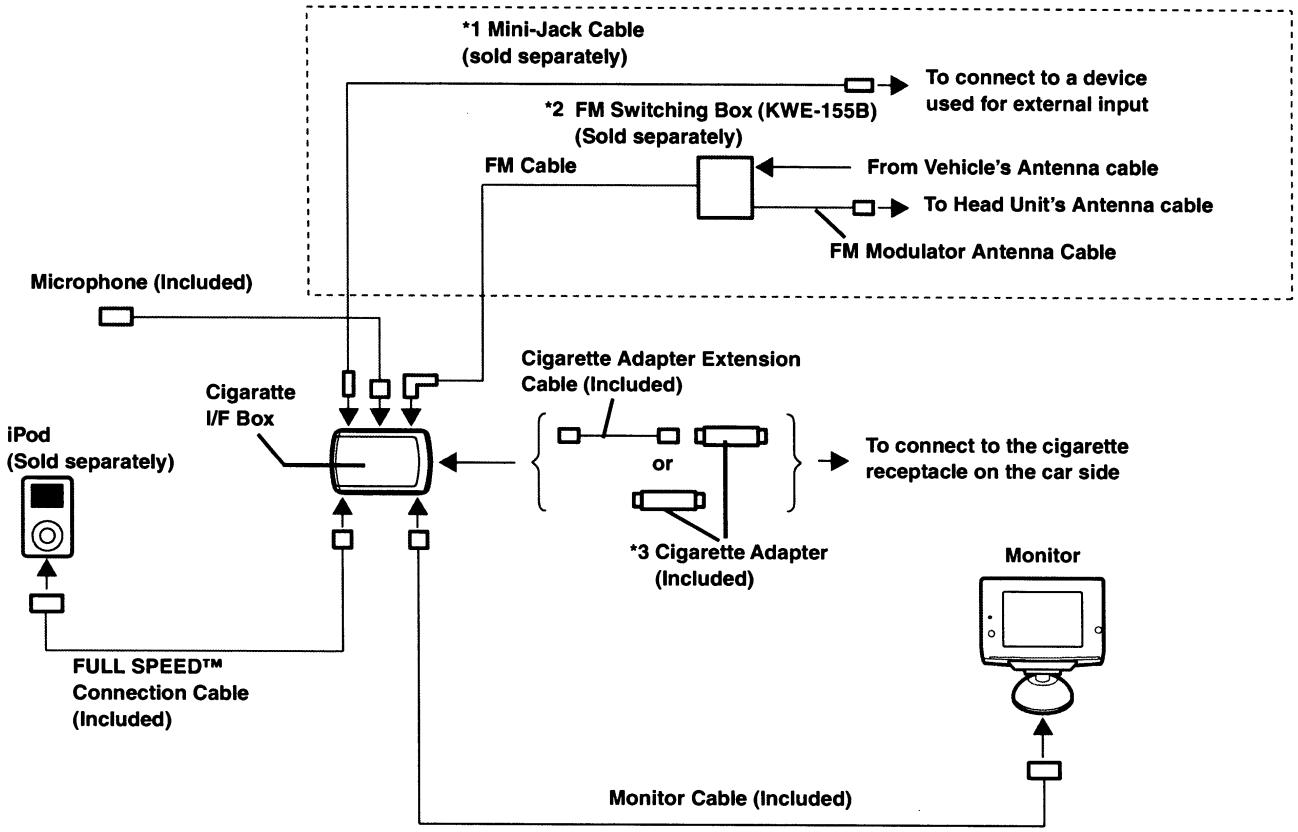
Remove the projection part.

3



Remove the fuse.

Connections



- *There are two types of connections to output sound. Only one connection type is valid at one time. Make the selection as shown below.*
  **1 When "AUX" is set in "Setting Sound Output (Output Mode)" (page 15), connect to a device with an external input.*
  **2 Depending on regulations, an optional FM Switching Box may be required. Consult your Alpine dealer.*
  If the FM Switching Box is connected, set to "Wire Transmitter" in "Setting Sound Output (Output Mode)" (page 15).
  **3 FUSE (2A) is built-in.*
- *Do not mount the Cigarette lighter I/F Box where it might be stepped upon. Excessive pressure can damage the box.*
- *Depending on the mounting location of the Cigarette lighter I/F Box, noise interference is possible. When using a Bluetooth compatible device, if noise or a malfunction occurs when sending or receiving data, mount the I/F Box in another location.*
- *Before using, check that the monitor and stand assembly is mounted securely at the chosen mounting location.*

EX-10

Bluetooth® Compatibility

✗=NO | ✓=YES

Manufacturer	Model	Carrier	Will My Phone Connect? (HFP)	Can I View My Phone Book? (PBAP)	Will My Phone Automatically Reconnect To The Device?	Will The Device Work As A Speaker? (HSP)	Can I View My Call History?	Can I Stream Music From My Phone? (A2DP)	Can I Control Audio And Video Playback? (AVRCP)
AT&T									
Apple	iPhone 3G	AT&T	✓	✓	✓	✓	✓	✗	✗
AT&T	Tilt 8925	AT&T	✓	✗	✓	✓	✗	✓	✓
Blackberry	Pearl 8110	AT&T	✓	✗	✓	✓	✗	✓	✓
Blackberry	Curve 8310	AT&T	✓	✗	✓	✓	✓	✓	✓
LG	CU515	AT&T	✗	✗	✓	✓	✗	✓	✓
LG	CU720 Shine	AT&T	✓	✗	✓	✓	✗	✓	✓
Motorola	MOTORAZR V3	AT&T	✗	✗	✓	✓	✗	✗	✗
Motorola	MOTO Q Global	AT&T	✓	✓	✓	✓	✓	✓	✓
Palm	Centro 685	AT&T	✗	✗	✗	✗	✗	✗	✗
Palm	Treo 750	AT&T	✗	✗	✗	✗	✗	✗	✗
Pantech	Duo C810	AT&T	✗	✗	✗	✗	✗	✗	✗
Samsung	Rugby A837	AT&T	✗	✗	✗	✗	✗	✗	✗
Sprint									
LG	LX-400	Sprint	✓	✓	✓	✗	✓	✗	✗
Motorola	Renegade V950	Sprint	✓	✓	✓	✗	✓	✗	✗
Research In Motion	BlackBerry Curve 8330	Sprint	✓	✗	✓	✗	✓	✗	✗
Samsung	Ace SPH-i325	Sprint	✗	✗	✗	✗	✗	✗	✗
Samsung	Instinct M800	Sprint	✗	✗	✓	✓	✗	✓	✓
Samsung	SPH-Z400	Sprint	✗	✗	✗	✗	✗	✗	✗
Sanyo	Katana LX	Sprint	✓	✓	✓	✗	✓	✗	✗
Sanyo	PRO 200	Sprint	✗	✗	✗	✗	✗	✗	✗
Sanyo	PRO 700	Sprint	✓	✓	✓	✗	✓	✗	✗
Sanyo	S1	Sprint	✓	✓	✓	✓	✓	✗	✗
T-Mobile									
Motorola	RIZR Z3	T-Mobile	✓	✓	✓	✓	✓	✓	✓
Motorola	RAZR2 V8	T-Mobile	✓	✓	✓	✓	✓	✓	✓
Motorola	RAZR V3	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Motorola	ROKR E8	T-Mobile	✓	✓	✓	✓	✓	✗	✗
Motorola	W490/W510/ W5	T-Mobile	✓	✓	✗	✓	✓	✓	✓
Nokia	2760	T-Mobile	✓	✓	✓	✓	✓	✗	✗
Nokia	6126/6131/ 6133	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Nokia	5310	T-Mobile	✓	✓	✓	✓	✓	✓	✓

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ALPINE Mobile Media Solutions

Manufacturer	Model	Carrier	Will My Phone Connect? (HFP)	Can I View My Phone Book? (PBAP)	Will My Phone Automatically Reconnect To The Device?	Will The Device Work As A Speaker? (HSP)	Can I View My Call History?	Can I Stream Music From My Phone? (A2DP)	Can I Control Audio And Video Playback? (AVRCP)
Nokia	6301/6300i	T-Mobile	✓	✓	✓	✓	✓	✓	✓
Nokia	5610	T-Mobile	✓	✓	✓	✓	✓	✓	✓
Research In Motion	BlackBerry Pearl 8100	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Research In Motion	BlackBerry 8700g	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Research In Motion	BlackBerry Pearl 8120	T-Mobile	✓	✓	✗	✓	✓	✓	✓
Research In Motion	BlackBerry Curve 8320	T-Mobile	✓	✓	✗	✓	✓	✓	✓
Research In Motion	BlackBerry 8820	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Research In Motion	BlackBerry Pearl Flip 8220	T-Mobile	✓	✓	✓	✓	✓	✗	✗
Samsung	t739 Katalyst	T-Mobile	✓	✓	✗	✓	✗	✗	✗
Samsung	t429	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Samsung	t229	T-Mobile	✓	✓	✗	✓	✓	✗	✗
Samsung	t639	T-Mobile	✓	✓	✗	✓	✓	✓	✓
Samsung	t819	T-Mobile	✓	✓	✗	✓	✓	✓	✓
Samsung	t336/t339	T-Mobile	✓	✓	✗	✓	✓	✓	✓
Sharp	Sidekick LX	T-Mobile	✓	✓	✓	✓	✓	✗	✗
Sony Ericsson	TM506	T-Mobile	✓	✓	✓	✓	✓	✓	✓
T-Mobile	Dash S630/ S621	T-Mobile	✓	✓	✓	✓	✓	✓	✓
T-Mobile	Wing P4350	T-Mobile	✓	✓	✓	✓	✓	✓	✓
T-Mobile	Shadow	T-Mobile	✓	✓	✓	✓	✓	✓	✓
Verizon									
LG	VX8560 Chocolate 3	Verizon	✓	✓	✗	✗	✓	✓	✓
LG	VX10000 Voyager	Verizon	✓	✗	✓	✗	✗	✓	✓
LG	VX9700 Dare	Verizon	✓	✗	✓	✓	✗	✓	✓
LG	VX8350	Verizon	✓	✗	✓	✓	✓	✓	✗
LG	VX9400	Verizon	✓	✗	✓	✓	✗	✓	✓
Motorola	W755 (Moto)	Verizon	✓	✗	✓	✓	✗	✗	✗
Motorola	Z6tv (Motorizr)	Verizon	✓	✗	✓	✓	✗	✗	✗
Nokia	6205	Verizon	✓	✗	✗	✓	✗	✗	✗
Research In Motion	BlackBerry Curve 8330	Verizon	✓	✓	✓	✗	✗	✓	✓
Research In Motion	BlackBerry Pearl 8130	Verizon	✓	✓	✓	✗	✗	✓	✓
Samsung	Gleam SCH-U700	Verizon	✓	✗	✗	✓	✗	✗	✗
Samsung	Alias SCH-u740	Verizon	✓	✗	✗	✓	✗	✗	✗

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ALPINE Mobile Media Solutions

Manufacturer	Model	Carrier	Will My Phone Connect? (HFP)	Can I View My Phone Book? (PBAP)	Will My Phone Automatically Reconnect To The Device?	Will The Device Work As A Speaker? (HSP)	Can I View My Call History?	Can I Stream Music From My Phone? (A2DP)	Can I Control Audio And Video Playback? (AVRCP)
Samsung	Flipshot SCH-U900	Verizon	✓	✗	✓	✗	✗	✗	✗
Samsung	Glyde U940	Verizon	✓	✓	✓	✗	✗	✗	✗
Verizon	G'zOne Boulder	Verizon	✓	✓	✓	✗	✓	✓	✓

Troubleshooting:

1. *If an echo is present, lower the volume on the head unit, or reposition the microphone further away from the speakers if necessary.*
2. *During a call, the volume is independent from the source volume.*
3. *Please verify in call volume setting on your phone. This can affect Bluetooth in some phones.*
4. *For instructions on how to pair to the device from your phone, please refer to your phone's owners manual.*
5. *Display of Phonebook, Received Calls, Missed Calls, and Dialed Calls varies from phone to phone and by your service provider.*
6. *Phone synchronization speed varies from phone to phone.*
7. *Phone synchronization begins as soon as the pairing process is complete.*
8. *Access to Phonebook, Received Calls, Missed Calls, and Dialed Calls is available after phone synchronization is complete.*
9. *12 Key direct dialing is only available on 2007 and newer Alpine AV head units.*

Definitions:

1. *HFP - Hands Free Profile allows Bluetooth phone to be used with speaker. Commonly seen with car kits.*
2. *PBAP - PhoneBook Access Profile allows viewing of phonebook through Bluetooth device.*
3. *Autoconnect - automatically reconnects Bluetooth device with cell phone when cycling power.*
4. *HSP - Head Set Profile enables a wireless headset to be used with a Bluetooth phone.*
5. *Call History - the Bluetooth device will show the phones history of calls.*
6. *A2DP - Advanced Audio Distribution Profile allows for streaming stereo audio from phone to Bluetooth device.*
7. *ACRCP - Audio/Video Remote Control Profile controls playback of audio and/or video including play, pause, stop, etc.*

Disclaimer:

1. *Please visit your local Alpine dealer to verify compatibility of your phone.*
2. *Product information is subject to change as this is current information at the time of printing, therefore it is not guaranteed.*
3. *Information is only applicable in the United States.*

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ALPINE
Mobile Media Solutions

To customers/Hinweis an Kunden/A l'attention de l'utilisateur/ Información para los clientes/Informazioni per i clienti/Till kunder/ お客様へ/致客戶/致客户

ALPINE®

English

This unit does not support iPod's video playback function.

Deutsch

Dieses Gerät unterstützt nicht die Videowiedergabefunktion des iPod.

Français

Cet appareil ne prend pas en charge la fonction de lecture vidéo de l'iPod.

Español

Esta unidad no admite la función de reproducción de vídeo del iPod.

Italiano

Questa unità non supporta la funzione di riproduzione video dell'iPod.

Svenska

Denna enhet har inte stöd för videouppspelningsfunktionen i iPod.

和文

本製品はiPodのビデオ再生機能には対応しておりません。

中文（繁）

本機不支援 iPod 視訊播放功能。

中文（简）

本机不支持 iPod 视频播放功能。

68-12118Z69-A (Y)

ALPINE Customer Care Registration → For easy on-line registration, go to "www.alpine-usa.com/registration"

Thank you for choosing Alpine! Please register your product with us so we can serve you better.

SEAL HERE

First name: _____

Last name: _____

Home address: _____ (Street address)

_____

_____ (City) _____ (State/Prov.) _____ (Zip Code)

May we contact you at this address? 1. ☐ Yes 2. ☐ No

Phone number: ( ) _____

May we contact you at this number? 1. ☐ Yes 2. ☐ No

E-mail Address: _____

May we contact you by e-mail? 1. ☐ Yes 2. ☐ No

Gender 1. ☐ Male 2. ☐ Female

Date of Birth Month: _____ Year: _____

Marital Status 1. ☐ Single 2. ☐ Married

Which ethnicity best describes yourself:

1. ☐ Caucasian
2. ☐ Hispanic
3. ☐ African-American
4. ☐ Asian
5. ☐ Other _____

Your highest level of education completed:

1. ☐ High School Student
2. ☐ High School Graduate
3. ☐ 2 Yr. Degree/Some College
4. ☐ Completed 4 Yr. College
5. ☐ Completed Graduate School

Product purchased

1. ☐ Cassette Player
2. ☐ CD Player
3. ☐ MD Player
4. ☐ DVD Player
5. ☐ CD Changer
6. ☐ Amplifier
7. ☐ Speaker
8. ☐ Subwoofer
9. ☐ Monitor Controller
10. ☐ Video Monitor
11. ☐ Navigation
12. ☐ Mobile Mayday
13. ☐ Video Tape Player
14. ☐ Processor/Equalizer
15. ☐ Security
16. ☐ Other _____

Model Number: _____

Serial Number: _____

Date of Purchase:

Month: _____ Year: _____

If navigation system, which monitor?

1. ☐ Alpine → (Model No.) _____
2. ☐ Other → (Brand Name) _____

Purpose of buying this unit?

1. ☐ Addition
2. ☐ Replacement → ***Previous brand replaced?**
   1. ☐ Factory installed
   2. ☐ Alpine
   3. ☐ Other _____

Have you purchased Alpine products before?

1. ☐ First time
2. ☐ Two or more times

When you purchased this Alpine unit, did you compare it with other brands?

1. ☐ Yes → (Brand Name) _____
2. ☐ No.

Which of the following statements best describes you?

1. ☐ I usually have more electronic equipment than my friends
2. ☐ I am usually one of the first of my friends to buy the newest electronic equipment
3. ☐ I usually wait until a product has been out for a while before I purchase it
4. ☐ I am usually on of the first of my friends to know about the newest car
5. ☐ I usually know more about cars than my friends

Occupation

1. ☐ Executive/Managerial
2. ☐ Secretarial/Clerical
3. ☐ Sales
4. ☐ General Labor
5. ☐ Professional
6. ☐ Engineering/Technical
7. ☐ Farming/Fishing
8. ☐ Retired
9. ☐ Student
10. ☐ Other _____

Household Income

1. ☐ Less than $30,000
2. ☐ $30,000 - $50,000
3. ☐ $50,000 - $70,000
4. ☐ $70,000 - $90,000
5. ☐ $90,000 - $110,000
6. ☐ Over $110,000

Type of vehicle in which this unit is installed.

Make: _____ Model: _____

Purchased Year: _____ Model Year: _____

How was this vehicle purchased?

1. ☐ Bought
2. ☐ Leased

SEAL HERE

Thank you for your cooperation! We value your privacy. This information will remain confidential with Alpine and its affiliates.

Customer Care Registration is for Product registration.
Failure to complete and return this card does not diminish your warranty rights.

PART NO. 68-12118Z02-A

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST-CLASS MAIL PERMIT NO. 320 TORRANCE CA

POSTAGE WILL BE PAID BY ADDRESSEE

ATTENTION MARKETING SERVICES
ALPINE ELECTRONICS OF AMERICA INC
PO BOX 2859
TORRANCE CA 90509-9939

↑ FOR USE IN USA, PLEASE FOLD HERE AND ENSURE THAT AMERICAN ADDRESS FACES UP.

↓ FOR USE IN CANADA, PLEASE FOLD HERE AND ENSURE THAT CANADIAN ADDRESS FACES UP.

ALPINE ELECTRONICS
19145 GRAMERCY PL
TORRANCE CA 90501-9876
UNITED STATES OF AMERICA

INTERNATIONAL BUSINESS REPLY MAIL/REPONSE PAYEE

PERMIT NO. 320 TORRANCE CA

POSTAGE WILL BE PAID BY ADDRESSEE

AIR MAIL
PAR AVION

BRS/CRM No. 320

NO POSTAGE
NECESSARY
IF MAILED
TO THE
UNITED STATES

NE PAS AFFRANCHIR

Before using the unit, be sure to read the following throughly./Avant d'utiliser l'appareil, lisez attentivement les informations suivantes./Antes de utilizar la unidad, es importante que lea lo siguiente con atención./ ご使用前に必ずお読みください。/使用本機前，請勿必仔細閱讀下列注意事項。/使用本机前，请勿必仔细阅读下列注意事项。

English

WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.
Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.
Excessive volume levels that obscure sounds as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.
Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.
Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.
(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BOLTS OR SCREWS OUT OF THE REACH OF CHILDREN.
Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.
Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.
Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.
Use for other than its designed application may result in fire, electric shock or other injury.

MAKE THE CORRECT CONNECTIONS.
Failure to make the proper connections may result in fire or product damage.

BEFORE WIRING THE ANTENNA CABLE ON THE CAR SIDE, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.
Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.
Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.
When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.
Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.
Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

DO NOT INSTALL THE MONITOR NEAR THE PASSENGER SEAT AIR BAG.
If the unit is not installed correctly the air bag may not function correctly and when triggered the air bag may cause the monitor to spring upwards causing an accident and injuries.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.
Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedal, etc. can be extremely hazardous.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.
Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY.
When inserting the batteries, be sure to observe proper polarity (+ and –) as instructed. Rupture or chemical leakage from the battery may cause fire or personal injury.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.
The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.
Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.
Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.
Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

PRECAUTIONS

- *If the unit is connected, and the power is turned on when the cigarette lighter power is turned on, the battery continues to be consumed. Depending on the vehicle, even if you turn off the engine, the cigarette lighter power is not turned off, and if it is left turned on for long time, the battery may be drained entirely. In this case, disconnect the cigarette Adapter. Also, activate the Automatic Power OFF function. Refer to "Automatic Power OFF Function (Auto Poweroff)" described in the Owner's Manual.*

GARANTIE LIMITÉE

Fidèles à leur engagement de ne fournir que des produits de qualité, ALPINE ÉLECTRONIQUE DE L'AMÉRIQUE, INC. et ALPINE ÉLECTRONIQUE DU CANADA, INC. (Alpine) sont heureuses de vous offrir cette garantie. Nous vous suggérons de le lire attentivement et en entier. Si vous avez la moindre question, veuillez contacter l'un de nos concessionnaires ou appeler directement Alpine aux numéros listés ci-dessous.

●PRODUITS COUVERTS PAR LA GARANTIE

Cette garantie couvre les produits audio de voiture et les accessoires connexes ("le produit"). Elle ne couvre les produits que dans le pays où ils ont été achetés.

●DURÉE DE LA GARANTIE

Cette garantie est en vigueur pendant un an à partir de la date du premier achat du client.

●PERSONNES PROTÉGÉES PAR LA GARANTIE

Seul l'acheteur original du produit, s'il résisde aux États-Unis, à Porto Rico ou au Canada, peut se prévaloir de la garantie.

●CE QUI EST COUVERT

Cette garantie couvre tous les défauts de matériaux et de fabrication (pièces et main d'œuvre) du produit.

●CE QUI N'EST PAS COUVERT

Cette garantie ne couvre pas ce qui suit:

① Les dommages survenus durant le transport des produits renvoyés à Alpine pour être réparés (les réclamations doivent être adressées au transporteur);

② Les dégâts provoqués par un accident ou une mauvaise utilisation, y compris des bobines acoustiques grillées suite à une surexcitation des enceintes (augmentation du niveau de l'amplificateur jusqu'à atteindre un effet de distorsion ou d'écrêtage), une défaillance mécanique des enceintes (perforations, déchirures ou fentes), panneaux LCD fissurés ou endommagés, disques durs endommagés ou ayant subi une chute.

③ Tout dégât provoqué par négligence, usage inapproprié, mauvaise utilisation ou par le non-respect des instructions indiquées dans le manuel de l'utilisateur.

④ Les dommages dus à la force majeure, notamment aux tremblements de terre, au feu, aux inondations, aux tempêtes ou aux autres cataclysmes naturels;
Les frais ou les dépenses relatifs à l'enlèvement ou à la réinstallation du produit;

⑤ Les services rendus par une personne, physique ou morale non autorisée;

⑥ Les produits dont le numéro de série a été effacé, modifié ou retiré;

⑦ Les produits qui ont été adaptés ou modifiés sans le consentement d'Alpine;

⑧ Les produits qui ne sont pas distribués par Alpine aux Etats-Unis, à Porto Rico ou au Canada;

⑨ Les produits qui n'ont pas été achetés par l'entremise d'un concessionnaire Alpine autorisé;

●COMMENT SE PRÉVALOIR DE LA GARANTIE

① Il vous faut remettre le produit nécessitant des réparations à un centre de service autorisé Alpine ou à Alpine même et en assumer les frais de transport. Alpine a le choix entre réparer le produit ou le remplacer par un produit neuf ou révisé, le tout sans frais pour vous. Si les réparations sont couvertes par la garantie et si le produit a été envoyé à un centre de service Alpine ou à Alpine, le paiement des frais de réexpédition du produit incombe Alpine.

② Vous devez donner une description détaillée des problèmes qui sont à l'origine de votre demande de réparation.

③ Vous devez joindre la preuve de votre achat du produit.

④ Vous devez emballer soigneusement le produit pour éviter tout dommage durant son transport. Pour éviter la perte de l'envoi, il est conseillé de choisir un transporteur qui propose un service de suivi des envois.

●LIMITATION DES GARANTIES TACITES

LA DURÉE DE TOUTES LES GARANTIES TACITES, Y COMPRIS LA GARANTIE D'ADAPTATION À L'UTILISATION ET LA GARANTIE DE QUALITÉ LOYALE ET MARCHANDE, EST LIMITÉE À CELLE DE LA GARANTIE EXPRESSE DÉTERMINÉE CI-DESSUS. PERSONNE N'EST AUTORISÉ À ENGAGER AUTREMENT LA RESPONSABILITÉ D'ALPINE EN VERTU DE LA VENTE D'UN PRODUIT.

●EXCLUSIONS DE LA GARANTIE

ALPINE STIPULE EXPRESSÉMENT QU'ELLE N'EST PAS RESPONSABLE DES DOMMAGES-INTÉRÊTS ET DOMMAGES INDIRECTS PROVOQUÉS PAR LE PRODUIT. LES DOMMAGES-INTÉRÊTS SONT LES FRAIS DE TRANSPORT DU PRODUIT VERS UN CENTRE DE SERVICE ALPINE, LA PERTE DE TEMPS DE L'ACHETEUR ORIGINAL, LA PERTE D'UTILISATION DU PRODUIT, LES BILLETS D'AUTOBUS, LA LOCATION DE VOITURES ET TOUS LES AUTRES FRAIS LIÉS À LA GARDE DU PRODUIT.
LES DOMMAGES INDIRECTS SONT LES FRAIS DE RÉPARATION OU DE REMPLACEMENT D'AUTRES BIENS ENDOMMAGÉS SUITE AU MAUVAIS FONCTIONNEMENT DU PRODUIT.
LES RECOURS PRÉVUS PAR LES PRÉSENTES EXCLUENT ET REMPLACENT TOUTE AUTRE FORME DE RECOURS.

●LIEN ENTRE LA GARANTIE ET LA LOI

La garantie vous donne des droits spécifiques, mais vous pouvez aussi jouir d'autres droits, qui varient d'un état ou d'une province à l'autre. En outre, certains états et certaines provinces interdisent de limiter la durée des garanties tacites ou d'exclure les dommages accessoires ou indirects. Dans ce cas, les limites et les exclusions de la garantie peuvent ne pas s'appliquer à vous.

●CLAUSE APPLICABLE AU CANADA SEULEMENT

Pour que la garantie soit valable, il faut qu'un centre d'installation autorisé ait installé le système audio pour l'auto dans votre véhicule et qu'il ait ensuite apposé son cachet sur la garantie.

●NUMÉROS D'APPEL DU SERVICE À LA CLIENTÈLE

Si vous avez besoin de nos services, veuillez appeler Alpine aux numéros ci-dessous pour le centre de service autorisé Alpine le plus proche.

AUDIO DE VOITURE	**1-800-ALPINE-1 (1-800-257-4631)**
NAVIGATION	**1-888-NAV-HELP (1-888-628-4357)**

Ou visitez notre site Web à l'adresse http://www.alpine-usa.com

ALPINE ÉLECTRONIQUE DE L'AMÉRIQUE, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
ALPINE ÉLECTRONIQUE DU CANADA, INC., 777 Supertest Road, Toronto, Ontario M3J 2M9, Canada
N'envoyez aucun produit à ces adresses.
Appelez notre numéro gratuit ou visitez notre site Web si vous recherchez un centre de service.

LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

●PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

●LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

●WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

●WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

●WHAT IS NOT COVERED:

This Warranty does not cover the following:

① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature.
Any cost or expense related to the removal or reinstallation of the product.
⑤ Service performed by an unauthorized person, company or association.
⑥ Any product which has the serial number defaced, altered or removed.
⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
⑨ Any product not purchased from an Authorized Alpine Dealer.

●HOW TO OBTAIN WARRANTY SERVICE:

① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.
② You should provide a detailed description of the problem(s) for which service is required.
③ You must supply proof of your purchase of the product.
④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

●HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

●HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

●HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

●IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

●HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

CAR AUDIO 1-800-ALPINE-1 (1-800-257-4631)
NAVIGATION1-888-NAV-HELP (1-888-628-4357)

Or visit our website at; http://www.alpine-usa.com

ALPINE ELECTRONICS OF AMERICA, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
ALPINE ELECTRONICS OF CANADA, INC., 777 Supertest Road, Toronto, Ontario M3J 2M9, Canada
Do not send products to these addresses.
Call the toll free telephone number or visit the website to locate a service center.